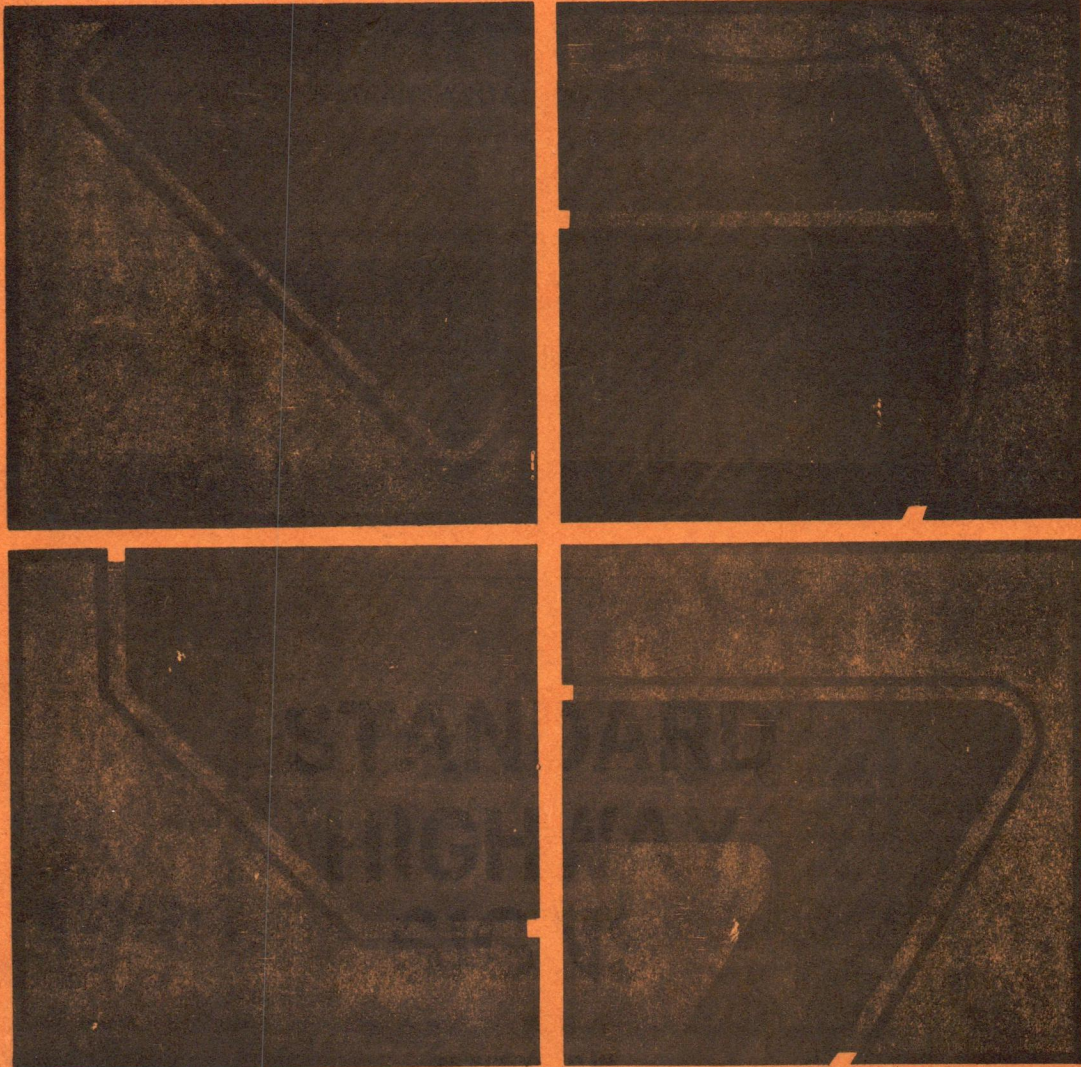


STANDARD HIGHWAY SIGNS

AS SPECIFIED IN
THE MANUAL ON
UNIFORM TRAFFIC
CONTROL DEVICES
1971



U.S. DEPARTMENT OF TRANSPORTATION/ Federal Highway Administration 1972



STATE OF TENNESSEE

DEPARTMENT OF HIGHWAYS

OFFICE OF THE COMMISSIONER

HIGHWAY BUILDING

NASHVILLE 37219

ROBERT F. SMITH
COMMISSIONER

WINFIELD DUNN
GOVERNOR

TO WHOM IT MAY CONCERN:

Attached is a copy of the new 1971 edition of the Manual on Uniform Traffic Control Devices for all streets and highways in Tennessee. A similar manual has been adopted by all 50 states and approved by the Federal Highway Administrator.

In recognition of the proven international value and need for symbols and to present a uniform and more widely understood system of signing, this 1971 revision includes a broader use of symbols, both in the regulatory and warning signs. Color coding is employed more extensively in signs and to define the direction of travel by pavement markings. This manual also includes, for the first time, a complete and separate section covering traffic controls for school areas (Part VII). Standards for traffic signals (Part IV) also have been updated.

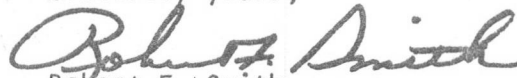
To provide a reasonable period for maintenance replacement, Federal directives have set the following target dates for implementation of this manual: pavement marking - changeover completed by December 1972; signing - changeover completed by December 1974; and signals - changeover completed by December 1976. Your cooperation will enable Tennessee to be in full compliance by the specified dates.

We solicit your cooperation in following this manual when installing all traffic control signs, signals and markings within your jurisdiction. If you have questions regarding its implementation, or any other traffic problems, our Regional Traffic Engineer in Knoxville, Chattanooga, Nashville or Jackson will be more than happy to assist you.

It is sincerely believed that your help in fulfilling the requirements of this manual will do much toward making our streets and highways safer for motorists. This will be another united step toward reducing traffic crashes and deaths in Tennessee.

Thank you for your cooperation in this important matter.

Sincerely yours,


Robert F. Smith
Commissioner

RFS:ECW:s

Directions for Replacement of 1964
Tennessee Manual on Uniform Traffic
Control Devices for Streets and
Highways with Revised Manual 1971 Edition

Attached revised Manual on Uniform Traffic Control Devices for Streets and Highways has been prepunched so that it may be inserted in the binder of your present Tennessee Manual. Please destroy all sections of the old manual with the following exceptions:

1. Title page - insert in front of manual
2. Divider cards - insert:
 - (A) Signs General - between pages 2 and 3
 - (B) Signs Regulatory - between pages 30 and 31
 - (C) Signs Warning - between pages 62 and 63
 - (D) Signs Guide - between pages 82 and 83
 - (E) Markings - between pages 175 and 176
 - (F) Signals - between pages 214 and 215
 - (G) Definitions - between pages 351 - 350
 - (H) Standard Alphabets for Signs - end of manual
 - (I) Arrow and Shield Details - end of manual
3. Ball Bank Indicator - pages 86, 87, 88 - insert end of manual

In addition, at a later date, divider cards will be supplied for three new sections of the 1971 manual.

1. Construction and Maintenance Signing - insert between pages 266 - 267
2. Traffic Control for School Areas - insert between pages 320 - 321
3. Interpretations - insert end of manual

Note: Available for purchase upon request is a manual of the shop drawings for sign fabrication.

PREFACE

These detailed drawings of the standard highway signs prescribed or provided for in the Manual on Uniform Traffic Control Devices, 1971 edition, have been prepared by the Office of Traffic Operations, Federal Highway Administration, U.S. Department of Transportation, for use by all traffic authorities, agencies, jurisdictions, and persons involved with the fabrication, installation, and maintenance of traffic signs on streets and highways in the United States. The drawings are provided to promote uniformity in design throughout the United States in accordance with Title 23, U.S. Code, Sections 109(b), 109(d), and 402(a), and Highway Safety Program Standard 13, "Traffic Engineering Services." As stated in Section 2A-9 of the Manual on Uniform Traffic Control Devices (MUTCD), "Standardization of these designs does not preclude further improvement by minor changes in the proportion of symbols, stroke-width, height of letters, width of borders, or layout of word messages, but all shapes and colors shall be as indicated. All symbols shall be unmistakably similar to those shown and where a word message is applicable, the wording shall be as herein provided."

A new format is utilized to present design information for the appropriate sizes of each sign prescribed by the MUTCD. To correlate with the Manual the sign tables describe the applicable sign sizes as STANDARD AND MINIMUM, MINIMUM, STANDARD, EXPRESSWAY, FREEWAY and SPECIAL. Except where a STANDARD AND MINIMUM size is specified, signs smaller than STANDARD and shown in the tables as MINIMUM may sometimes be justified on local streets and secondary roads having low volume, low speed and no special hazard. The necessary design information for these MINIMUM sizes is presented as a guide to sign fabrication only in the interest of uni-

formity. Application criteria for all signs are specified in the MUTCD. Sizes larger than STANDARD referred to as SPECIAL are intended for use on higher-type facilities and/or roadways having unique traffic conditions calling for greater visibility or emphasis.

Many standard symbol signs have supplemental plates for the specific purpose of educating motorists as to the meaning of the new symbols. As these meanings are learned the plates will no longer be needed. Thus, they will be removed or deleted from future sign installations based on approved time-tables. Supplemental educational plates shall be installed however for all initial installations. Only one size is required for the supplemental plate since motorists will learn the meaning of the symbol as they approach the sign assembly. Recognition of subsequent identical symbols would not require larger educational panels. The dimensions are shown on the supplemental plates and not in the chart provided beneath the sign assembly layout.

An attempt has been made to provide uniformity of specific design details between two or more different types of signs having approximate sizes. For example, the margins, borders, and radii on the FREEWAY size R2-2, TRUCKS 40 regulatory sign are the same as those on the FREEWAY size W8-2, BUMP warning sign. Details for arrows and other items also have been standardized as much as possible to facilitate fabrication of the signs and for national uniformity.

For word messages, only the overall length and placement of the characters are shown. The spacing between the individual letters is to be adjusted visually to attain the most satisfying balance. The use of separate templates for the letters is recommended as an aid to this adjustment.

In many cases spacing between the individual letters has been reduced or increased. Where this was done the percentage change is noted by an asterisk on the plate dimension detail and the amount revised is noted below the layout. The percentage change represents the deviation from the full spacing as suggested in the spacing charts of the Standard Alphabets for Highway Signs. All lettering is designated by size and series in accordance with the Standard Alphabets for Highway Signs, 1966 edition, available from the Federal Highway Administration on request.

For symbol messages, the overall height and width of the symbols and their placement on the signs are shown. The exact detail of the symbol is shown on a $\frac{1}{4}$ inch grid on the page following the symbolic assembly. The symbol may be enlarged to the desired size with any conventional enlarging process such as photographic, shadowgraph, or by manual transfer and the symbol will remain in the same proportion. The grid has been superimposed on the symbol to facilitate the enlarging process. The standard symbol design provided herein is to be used for symbolic type signs.

The appendix is composed of arrow details, distance details, blank standard details, and a conversion table for metric equivalents. A direct relationship between different parts of the arrow head and shaft has been established. The distance details table lists spacing dimensions for legends of 500 FT., 1000 FT., 1500 FT., $\frac{1}{2}$ MILE, 1 MILE, and AHEAD in 4 through 8 inch Series C and D characters for use on warning signs where the advance warning distance may be varied. The sign blank standards give recommended information for drill hole placement for the most common sizes and shapes of plates used. A conversion table for metric equivalents is provided as an aid to use of the metric system of measurements.

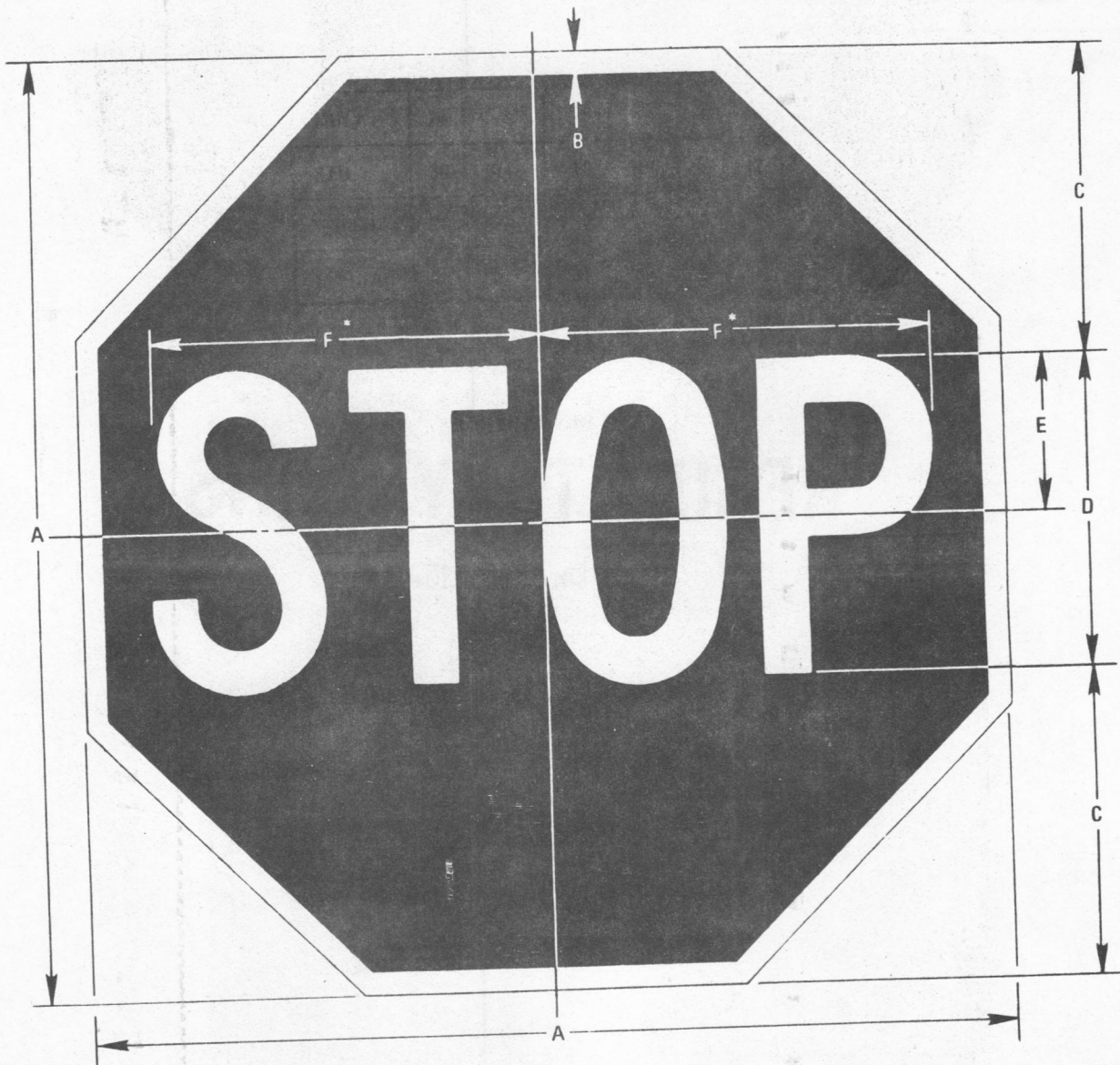
These standard drawings and the thousands of calculations could not have been successfully completed without the assistance of persons having special expertise. The assistance of respective highway departments, sign manufacturers, and other similarly interested parties and persons who helped make this publication possible is very much appreciated, with a special word of thanks to the Pennsylvania Department of Transportation.

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REGULATORY SIGNS

R1-1 through R15-2



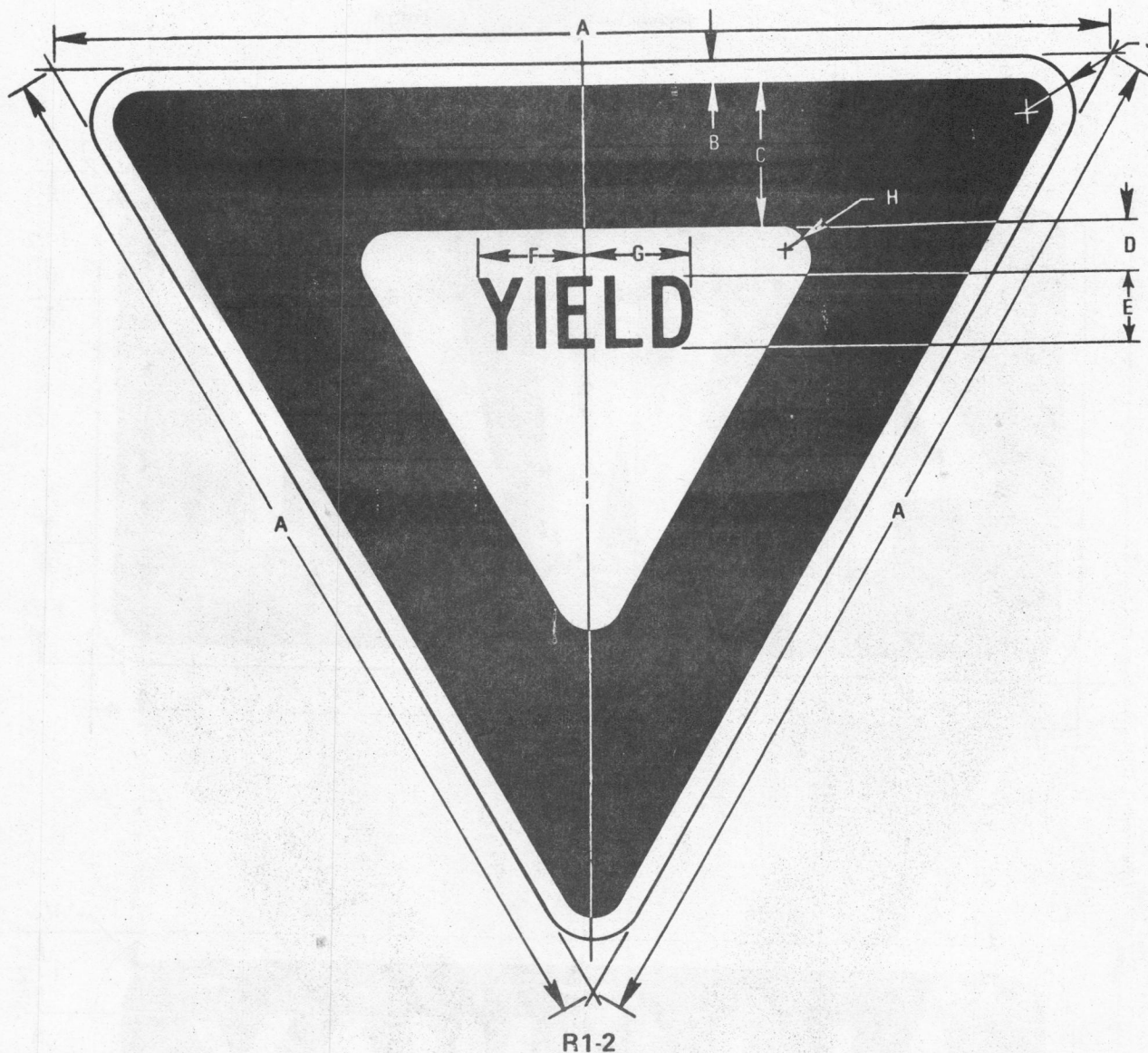
R1-1

*Reduce spacing 40%

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
MIN	24	5/8	8	8C	4	10
STD.	30	3/4	10	10C	5	12-1/2
EXPWY.	36	7/8	12	12C	6	15
SPECIAL	48	1-1/4	16	16C	8	20

COLORS

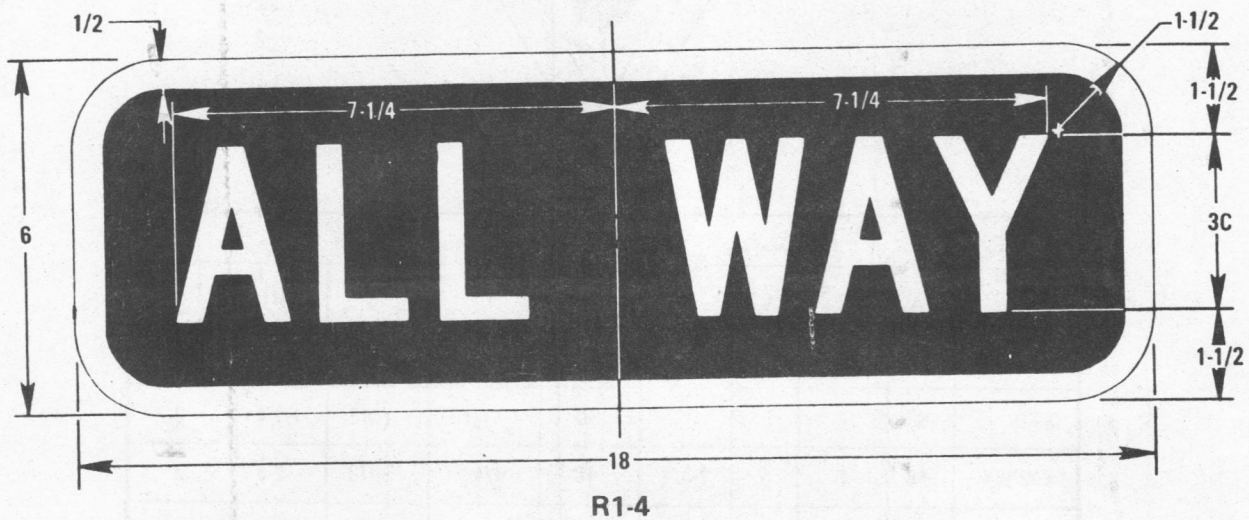
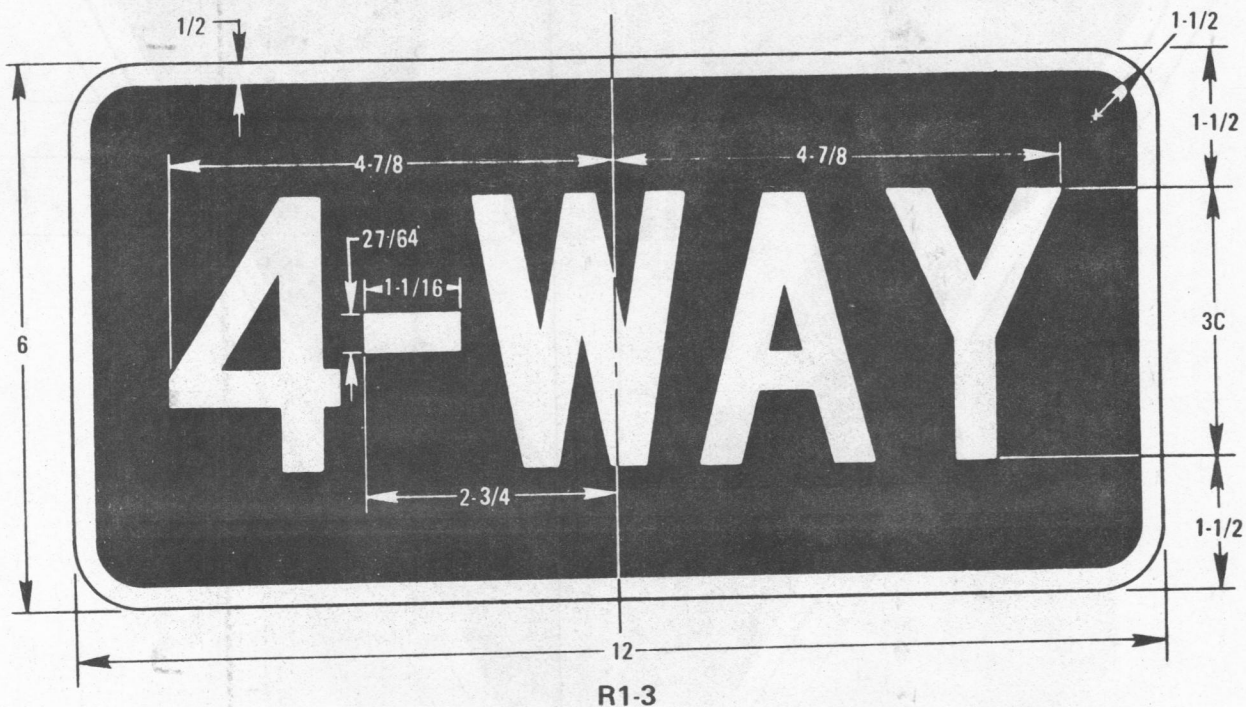
LEGEND — WHITE (REFL)
BACKGROUND — RED (REFL)



SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MIN	30	5/8	4	1-3/4	2-1/2C	3-15/16	3-5/8	7/8	1-1/2
STD	36	3/4	5	2	3C	4-11/16	4-3/8	1-1/4	2
EXPWY	48	1	6	2-3/4	4C	6-1/4	5-7/8	2	3
FWY.	60	1-1/2	8	3-1/2	5C	7-7/8	7-1/4	2-1/2	4

COLORS

LEGEND — RED (REFL)
BACKGROUND — WHITE (REFL)



COLORS

LEGEND - WHITE (REFL)
BACKGROUND - RED (REFL)



R2-1

*Optically space numerals
about vertical centerline.

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN	18	24	3/8	5/8	3	3E	2	8E	1-1/2	7-3/16	5-1/2
STD	24	30	3/8	5/8	4	4E	2	10E	1-1/2	9-9/16	7-5/16
EXPWY	36	48	5/8	7/8	6	6E	5	14E	2-1/4	14-3/8	11
FWY.	48	60	3/4	1-1/4	8	8E	6	16E	3	19-1/8	14-5/8

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R2-2

*Reduce spacing 32%
 **Optically space numerals
 about vertical centerline

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	18	3/8	5/8	2-3/4	3D	1-3/4	8E	2-1/2	1-1/2	7-3/16	6-7/8
STD.	24	3/8	5/8	4	4D	2-1/2	10E	3-1/2	1-1/2	9-9/16	9-3/16
EXPWY.	36	5/8	7/8	6	6D	4	14E	6	2-1/4	14-5/16	13-13/16
FWY.	48	3/4	1-1/4	8	8D	8	16E	8	3	19-1/8	18-3/8

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — WHITE (REFL)



R2-3

*Increase spacing 50%

**Optically space numerals about vertical centerline.

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MIN.	18	1/2	3	2F	2	8E	5-5/16	5-1/2	1-1/2
STD.	24	1/2	4	3F	3	10E	7-15/16	8-1/4	1-1/2
EXPWY.	36	3/4	6-1/2	4F	5	14E	10-5/8	11	2-1/4
FWY.	48	1	9	6F	8	16E	15-7/8	16-1/2	3

COLORS

LEGEND — WHITE (REFL)
BACKGROUND — BLACK (NON-REFL)



R2-4

*Optically space numerals about vertical centerline.

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
STD. & MIN.	24	30	3/8	5/8	4	4C	2	10D	1-1/2	9-3/16	6-13/16
EXPWY.	36	48	5/8	7/8	6	6C	5	14D	2-1/4	13-3/4	10-3/16
FWY.	48	60	3/4	1-1/4	8	8C	6	16D	3	18-3/8	13-5/8

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



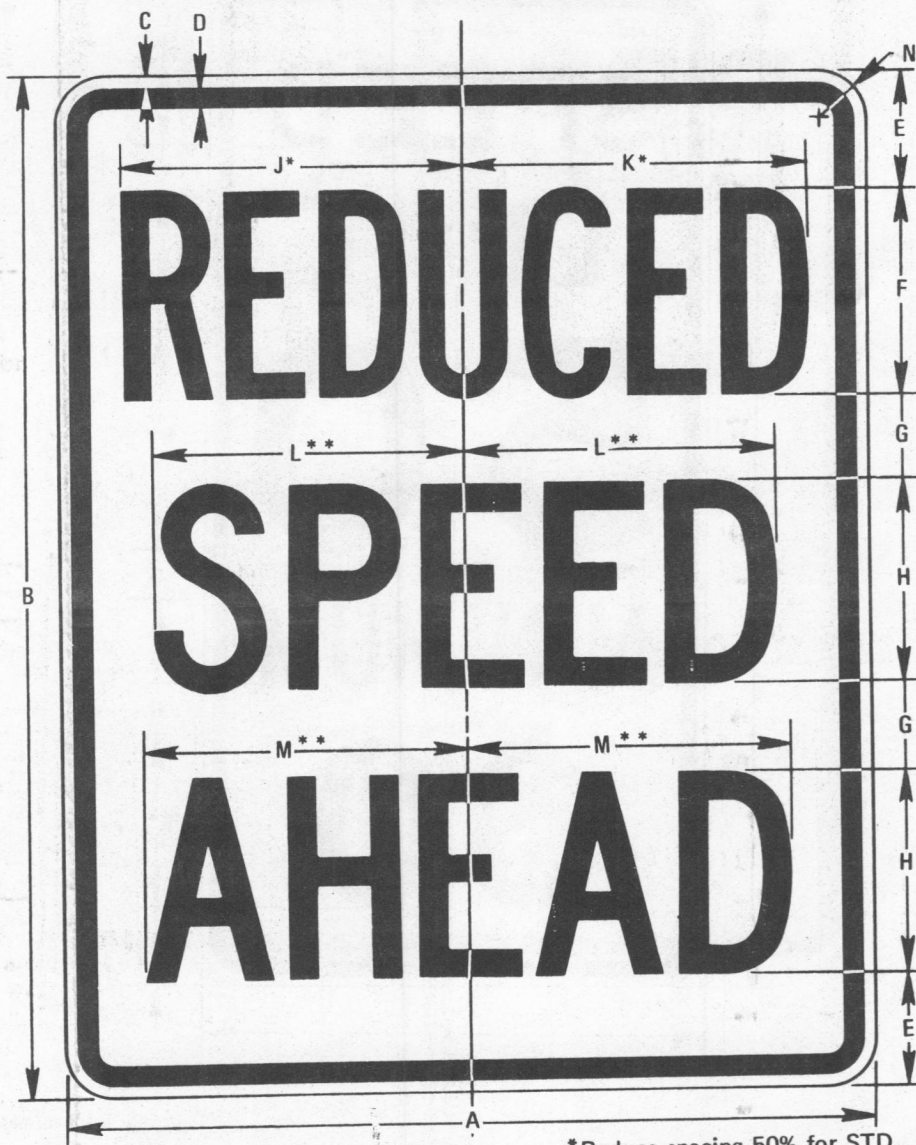
R2-4a

*Optically space numerals about vertical centerline.

SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
MIN. & STD.	24	48	3/8	5/8	4	4E	2-1/2	10E	4C	8D	9-5/8	7-5/16	9-3/16	1-1/2
EXPWY.	36	72	5/8	7/8	6	6E	4	14E	6C	12D	14-3/8	11	13-3/4	2-1/4
FWY.	48	96	3/4	1-1/4	8	8E	6-1/2	16E	8C	14D	19-1/4	14-5/8	18-3/8	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R2-5a

*Reduce spacing 50% for STD. size and 25% for other sizes

**For STD. size, reduce spacing 40%

SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	N
MIN.	18	24	3/8	5/8	3-1/2	4B	2-1/2	4C	6-7/8	7	6-13/16	7	1-1/2
STD.	24	30	3/8	5/8	3-1/2	6B	2-1/2	6C	10	10-3/16	9-3/16	9-3/4	1-1/2
EXPWY.	36	48	5/8	7/8	7	8B	5	8C	14-1/4	14-3/4	13-5/8	14	2-1/4
FWY.	48	60	3/4	1-1/4	9	10B	6	10C	17-3/4	18-7/16	17	17-1/2	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



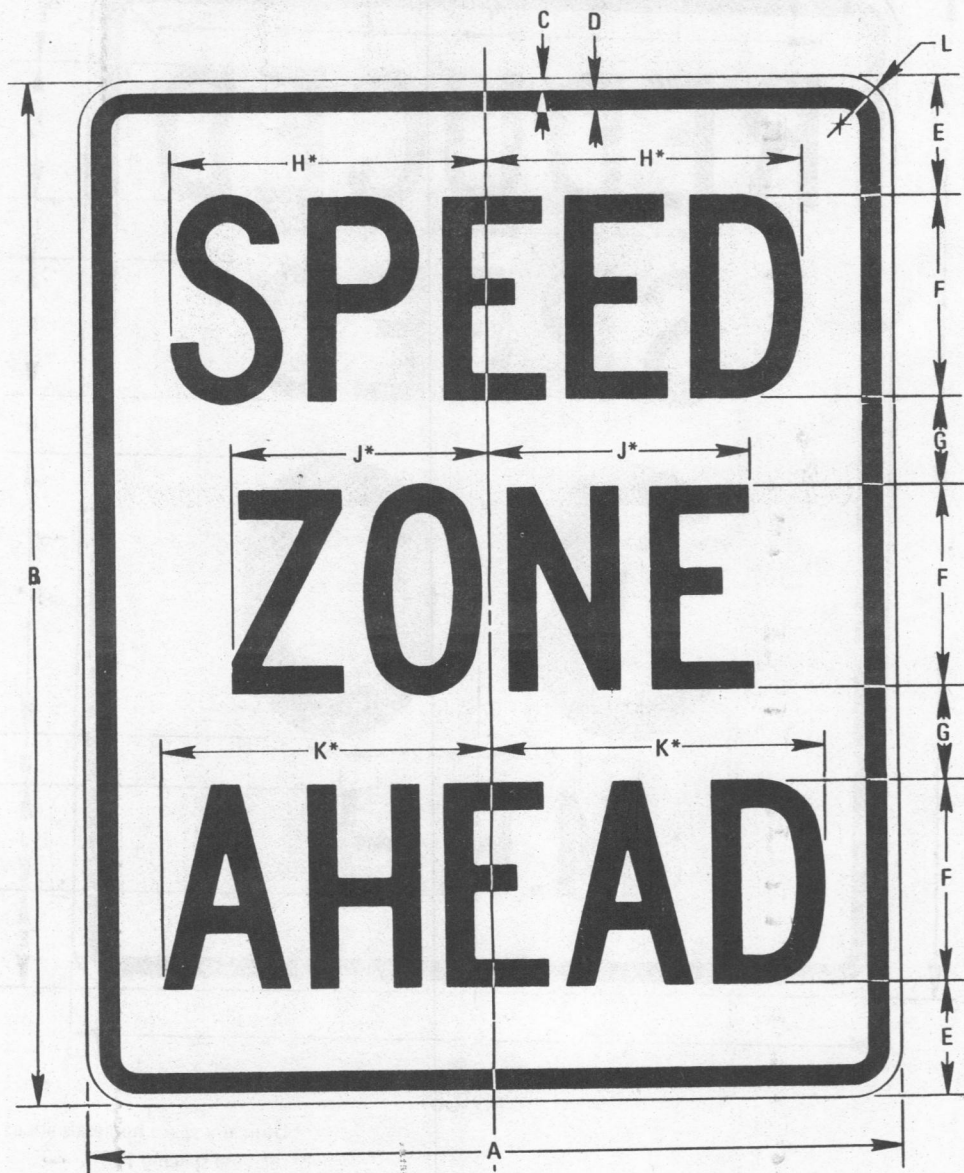
R2-5b

*Optically space numerals about vert. C.
 **Increase spacing 100%.

SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
MIN.	18	24	3/8	5/8	2-3/4	3C	1-1/2	6D	2D	1-1/2	7-1/4	7-3/8	5-1/16	3-1/16
STD.	24	30	3/8	5/8	2-7/8	4C	1-3/4	8D	3D	1-1/2	9-5/8	9-7/8	6-13/16	4-5/8
EXPWY.	36	48	5/8	7/8	4-3/4	6C	3-1/2	12D	4D	2-1/4	14-7/16	14-13/16	10-3/16	6-1/8
FWY.	48	60	3/4	1-1/4	6	8C	4	14D	6D	3	19-1/4	19-3/4	13-5/8	9-1/4

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — WHITE (REFL)



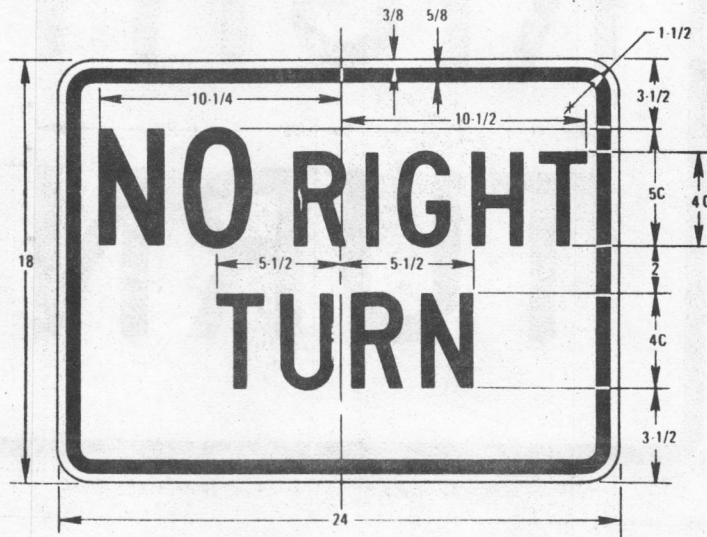
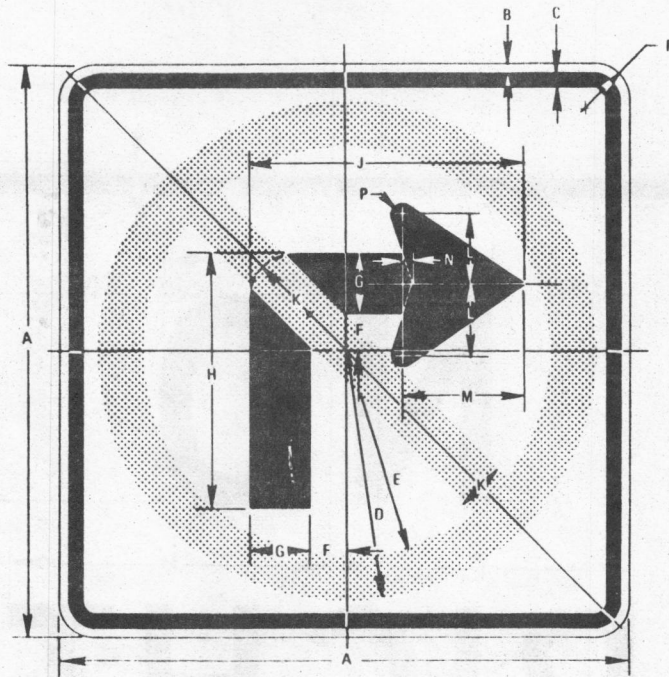
R2-5c

*For STD size, reduce spacing 40%.

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	18	24	3/8	5/8	3-1/2	4C	2-1/2	6-13/16	5-1/2	7	1-1/2
STD.	24	30	3/8	5/8	3-1/2	6C	2-1/2	9-3/16	7-9/16	9-3/4	1-1/2
EXPWY.	36	48	5/8	7/8	7	8C	5	13-5/8	11-1/16	14	2-1/4
FWY.	48	60	3/4	1-1/4	9	10C	6	17	13-13/16	17-1/2	2-1/2

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R3-1

SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
STD. & MIN.	24	3/8	5/8	10-1/2	8-1/2	1-1/2	2-1/2	10-1/2	11-1/2	2	2-7/8	5-1/16	3/8	1/2
SPECIAL	30	1/2	3/4	13-1/8	10-5/8	1-7/8	3-1/8	13-1/8	14-1/2	2-1/2	3-5/8	6-3/8	1/2	5/8
EXPWY.	36	5/8	7/8	15-3/4	12-3/4	2-1/4	3-3/4	15-3/4	17-1/4	3	4-5/16	7-5/8	9/16	3/4
SPECIAL	48	3/4	1-1/4	21	17	3	5	21	23	4	5-3/4	10-1/8	3/4	1

COLORS

CIRCLE AND DIAGONAL - RED (REFL)
 SYMBOL, BORDER, LEGEND - BLACK (NON-REFL)
 BACKGROUND - WHITE (REFL)

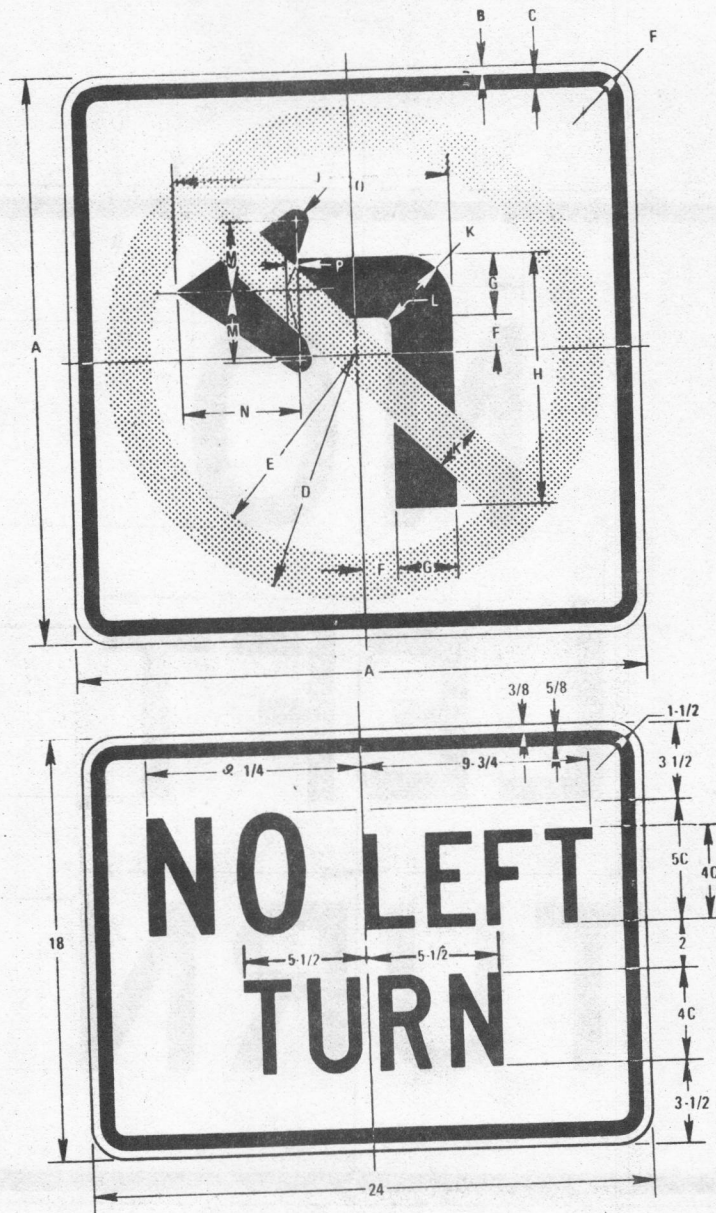


R3-1a

SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
MIN. & STD.	24	30	3/8	5/8	4	6D	3	5D	4-11/16	5	9	9-3/8	8-5/16	8-1/8	1-1/2
EXPWY.	36	48	5/8	7/8	6	10D	5	8D	7-3/4	8-5/16	14-7/16	15	13-1/4	13	2-1/4
FWY.	48	60	3/4	1-1/4	8	12D	6	10D	9-5/16	10	18	18-3/4	16-9/16	16-1/4	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R3-2

SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
STD. & MIN.	24	3/8	5/8	10-1/2	8-1/2	1-1/2	2-1/2	10-1/2	11-1/2	2	1/2	2-7/8	5-1/16	3/8	1/2
SPECIAL	30	1/2	3/4	13-1/8	10-5/8	1-7/8	3-1/8	13-1/8	14-1/2	2-1/2	5/8	3-5/8	6-3/8	1/2	5/8
EXPWY.	36	5/8	7/8	15-3/4	12-3/4	2-1/4	3-3/4	15-3/4	17-1/4	3	3/4	4-5/16	7-5/8	9/16	3/4
SPECIAL	48	3/4	1 1/4	21	17	3	5	21	23	4	1	5-3/4	10-1/8	3/4	1

COLORS

CIRCLE AND DIAGONAL - RED (REFL)
 ARROW, LEGEND AND BORDER - BLACK (NON-REFL)
 BACKGROUND - WHITE (REFL)



R3-2a

SIGN	DIMENSIONS (INCHES)															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	
MIN. & STD.	24	30	3/8	5/8	4	6D	3	5D	4-11/16	5	7-3/16	7-1/2	8-5/16	8-1/8	1-1/2	
EXPWY.	36	48	5/8	7/8	6	10D	5	8D	7-3/4	8-5/16	11-1/2	12	13-1/4	13	2-1/4	
FWY.	48	60	3/4	1-1/4	8	12D	6	10D	9-5/16	10	14-3/8	15	16-9/16	16-1/4	3	

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



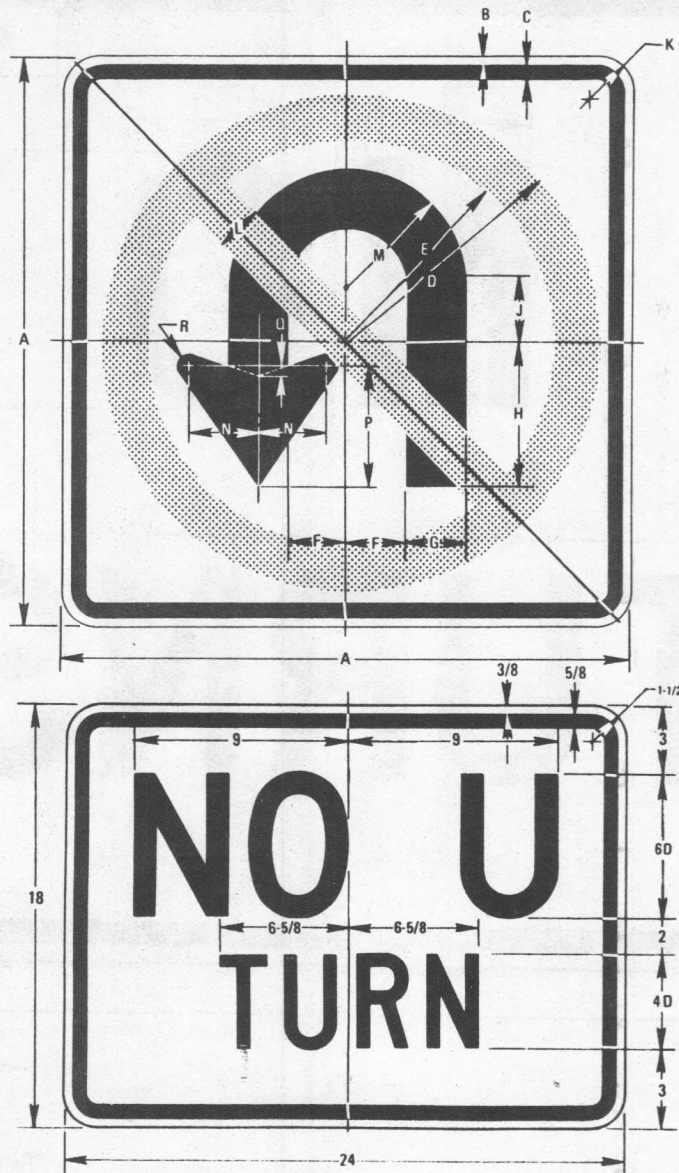
R3-3

*Reduce spacing 35%.

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
MIN. & STD.	24	3/8	5/8	4-1/2	6D	4	5D	4-11/16	5	9-13/16	9-9/16	1-1/2
EXPWY.	36	5/8	7/8	6	10D	6	8D	7-3/4	8-5/16	15-11/16	15-5/16	2-1/4
FWY.	48	3/4	1-1/4	9	12D	8	10D	9-5/16	10	19-5/8	19-1/8	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)

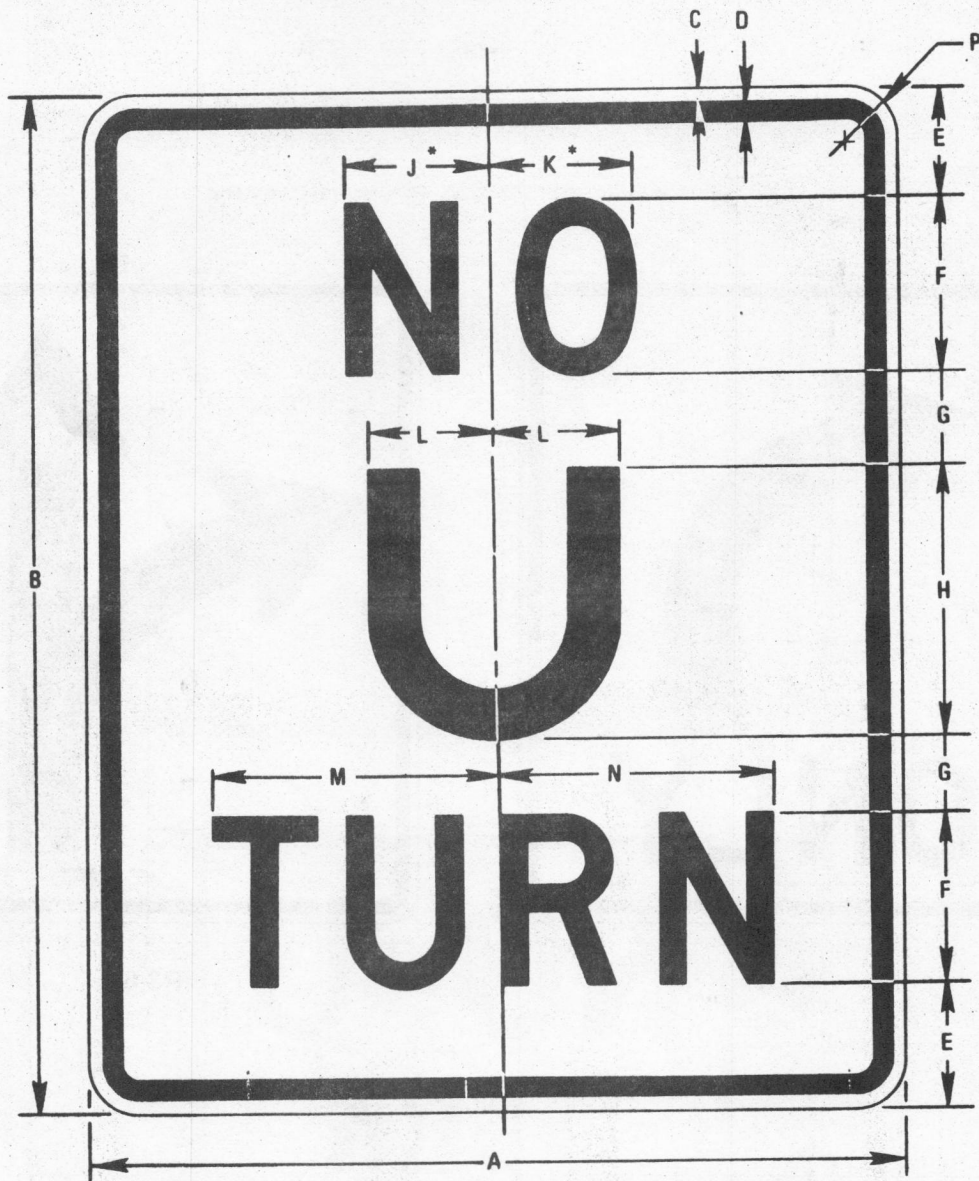


R3-4

SIGN	DIMENSIONS (INCHES)															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
STD. & MIN.	24	3/8	5/8	10-1/2	8-1/2	2-1/2	2-1/2	6	2-1/4	1-1/2	2	5	2-7/8	5-1/16	3/8	1/2
SPECIAL	30	1/2	3/4	13-1/8	10-5/8	3-1/8	3-1/8	7-1/2	2-13/16	1-7/8	2-1/2	6-1/4	3-5/8	6-3/8	1/2	5/8
EXPWY.	36	5/8	7/8	15-3/4	12-3/4	3-3/4	3-3/4	9	3-3/8	2-1/4	3	7-1/2	4-5/16	7-5/8	9/16	3/4
SPECIAL	48	3/4	1-1/4	21	17	5	5	12	4-1/2	3	4	10	5-3/4	10-1/8	3/4	1

COLORS

CIRCLE AND DIAGONAL - RED (REFL)
 ARROW, LEGEND AND BORDER - BLACK (NON-REFL)
 BACKGROUND - WHITE (REFL)



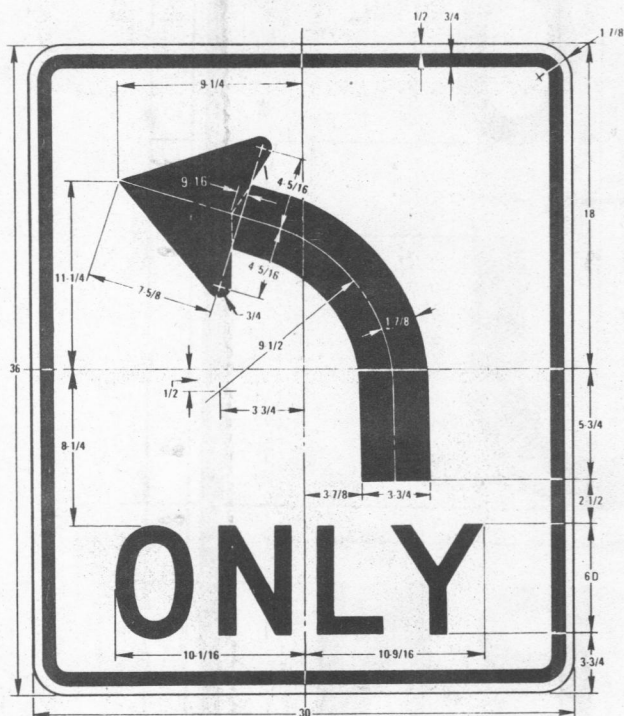
R3-4a

*Increase spacing 50%

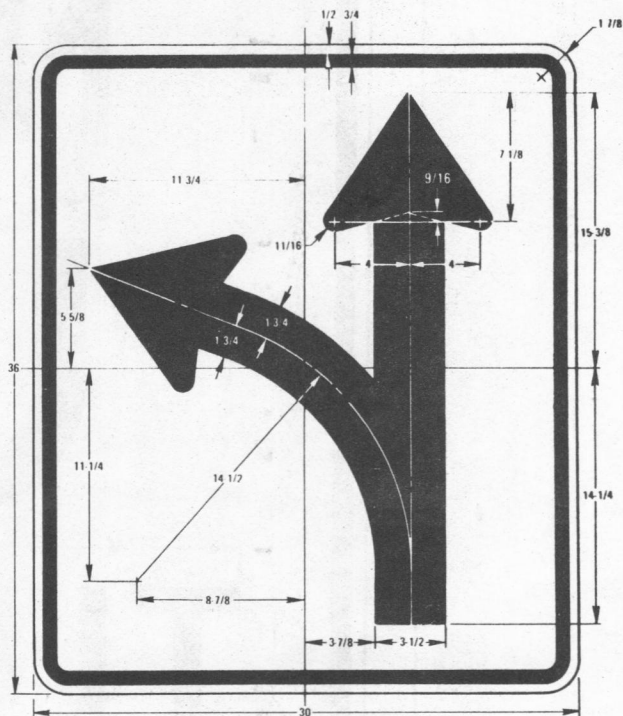
SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
MIN. & STD.	24	30	3/8	5/8	3-1/2	5D	2-1/2	8F	4-3/8	4-5/16	3-11/16	8-5/16	8-1/8	1-1/2
EXPWY.	36	48	5/8	7/8	6	8D	4	12F	6-15/16	6-7/8	5-1/2	13-1/4	13	2-1/4
FWY.	48	60	3/4	1-1/4	7	10D	5	16F	8-3/4	8-5/8	7-3/8	16-9/16	16-1/4	3

COLORS

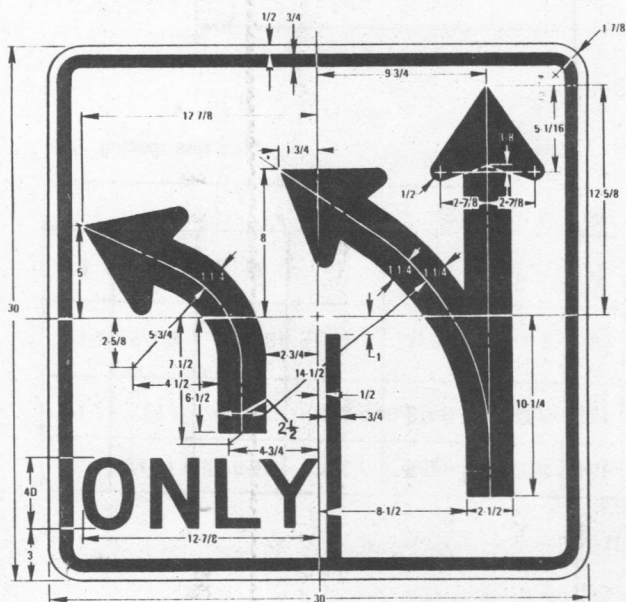
LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R3-5



R3-6



R3-8

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



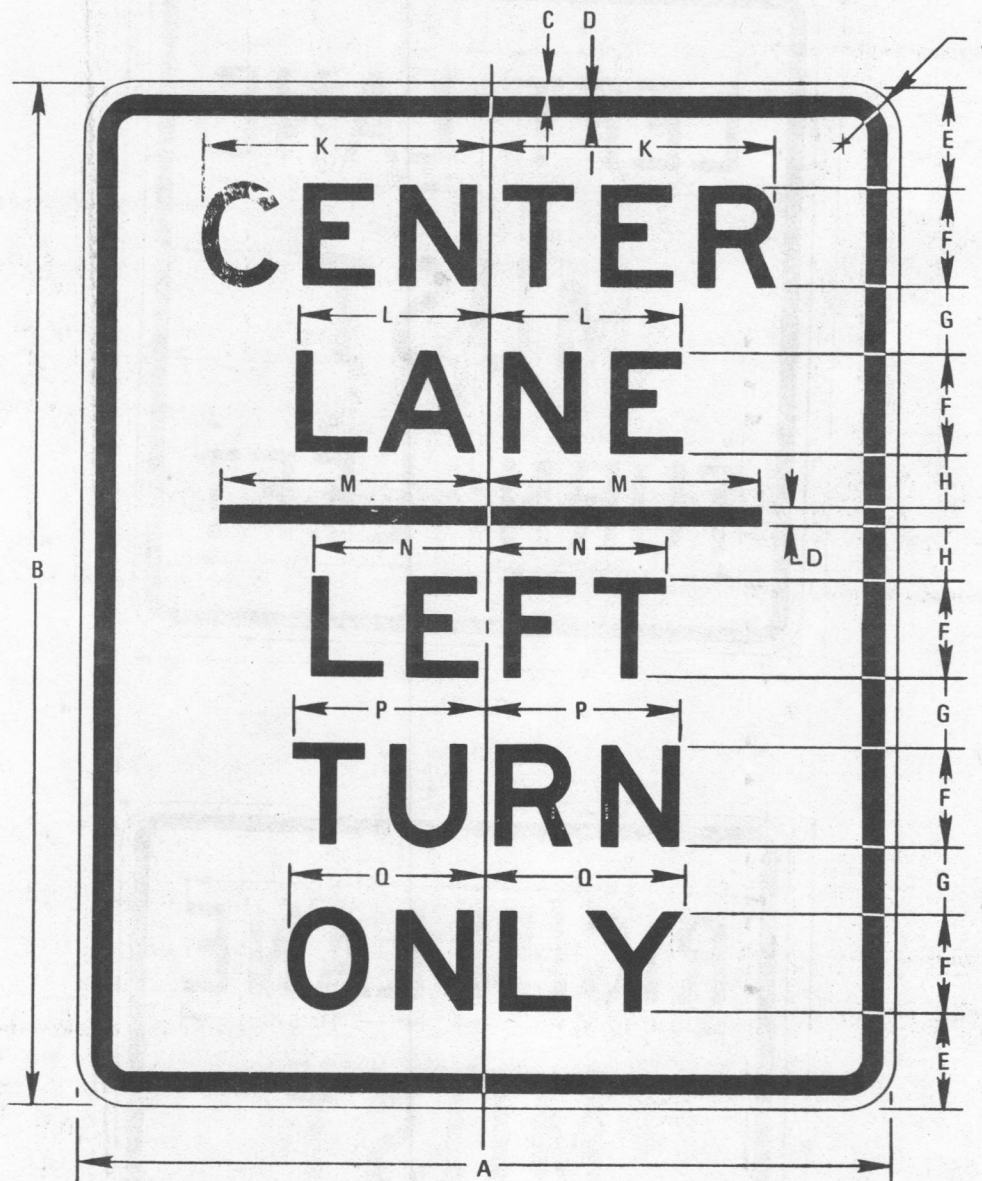
R3-7L



R3-7 R

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)

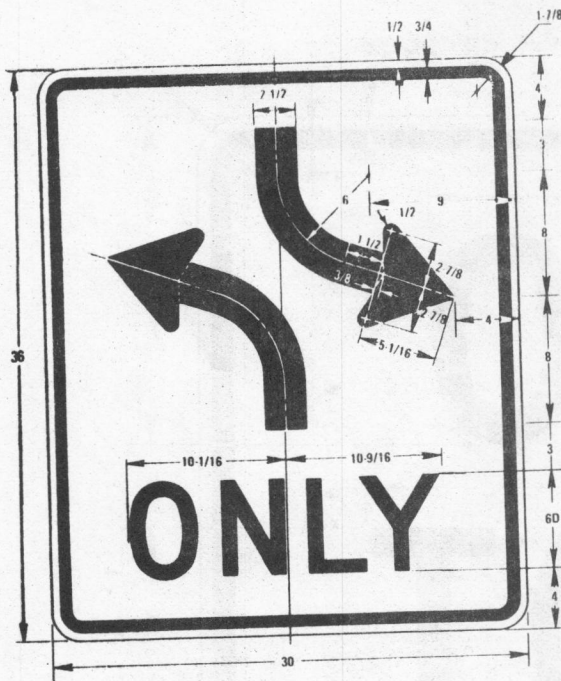


R3-9

SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
STD. & MIN.	24	30	3/8	5/8	2-7/8	3E	1-7/8	1-1/2	1-1/2	8-7/16	5-3/4	8	5-1/4	5-3/4	5-15/16
SPECIAL	36	48	5/8	7/8	4-1/2	5E	2-3/4	2-1/8	2-1/4	14-1/16	9-1/2	12	8-3/4	9-5/8	9-7/8

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R3-9a

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R5-3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R5-10

COLORS

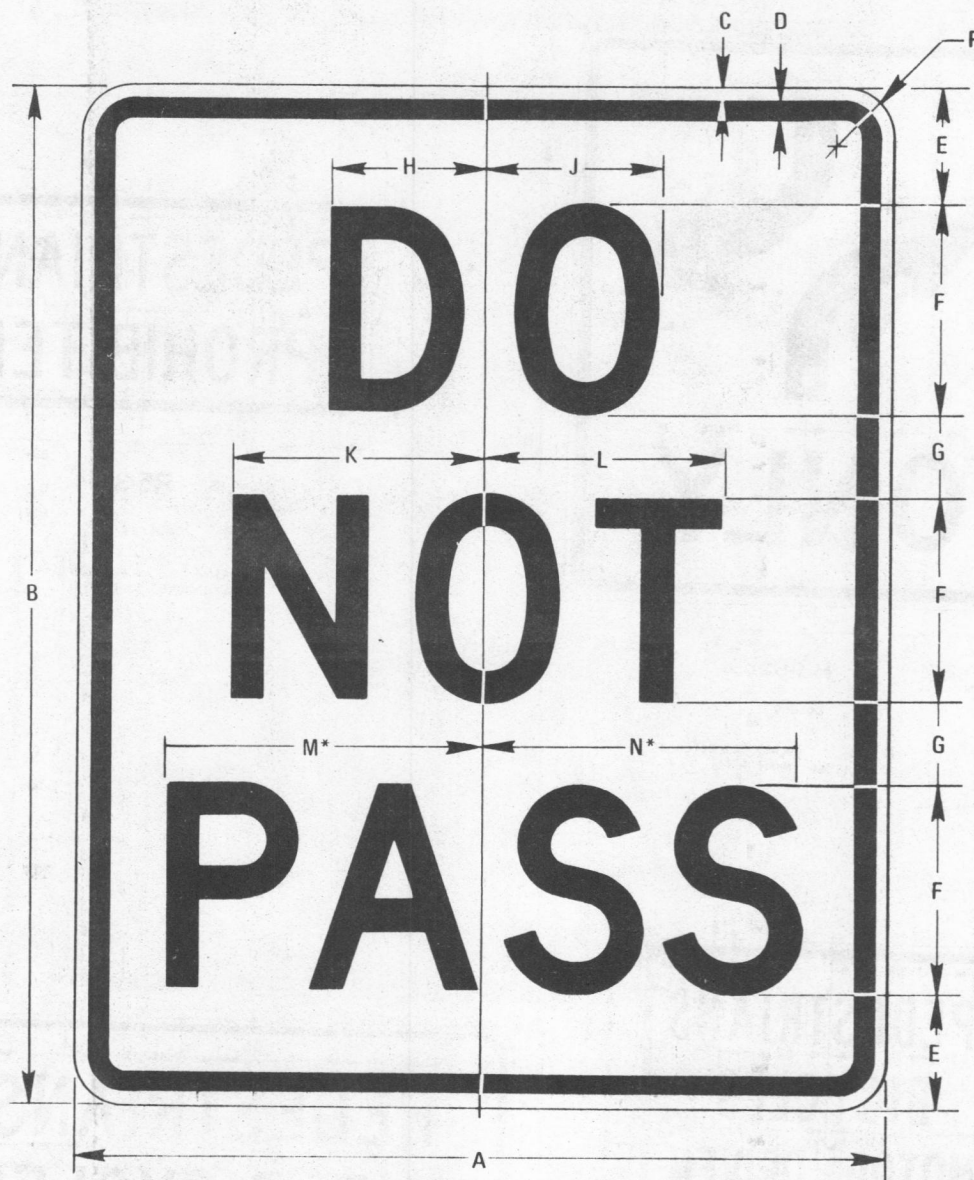
LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R5-10

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R4-1

*Reduce spacing 40%

SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
MIN.	18	24	3/8	5/8	3-1/2	4D	2-1/2	3-1/8	3-5/16	4-3/4	4-7/8	6-1/4	6-1/2	1-1/2
STD.	24	30	3/8	5/8	3-1/2	6D	2-1/2	4-11/16	5	7-1/8	7-3/8	9-3/8	9-3/4	1-1/2
EXPWY.	36	48	5/8	7/8	7	8D	5	6-1/4	6-5/8	9-1/2	9-3/4	12-1/2	13	2-1/4
FWY.	48	60	3/4	1-1/4	8	10D	7	7-3/4	8-5/16	11-7/8	12-1/4	15-5/8	16-1/4	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R4-2

SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
MIN.	18	24	3/8	5/8	3-1/2	4C	2-1/2	5-7/16	5-5/8	5	4-3/4	5-3/8	5-1/2	1-1/2
STD.	24	30	3/8	5/8	3-1/2	6C	2-1/2	8-3/16	8-7/16	7-1/2	7-3/16	8	8-1/4	1-1/2
EXPWY.	36	48	5/8	7/8	7	8C	5	10-7/8	11-1/4	10	9-1/2	10-11/16	11	2-1/4
FWY.	48	60	3/4	1-1/4	8	10C	7	13-5/8	14-1/16	12-1/2	11-15/16	13-3/8	13-3/4	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R4-3

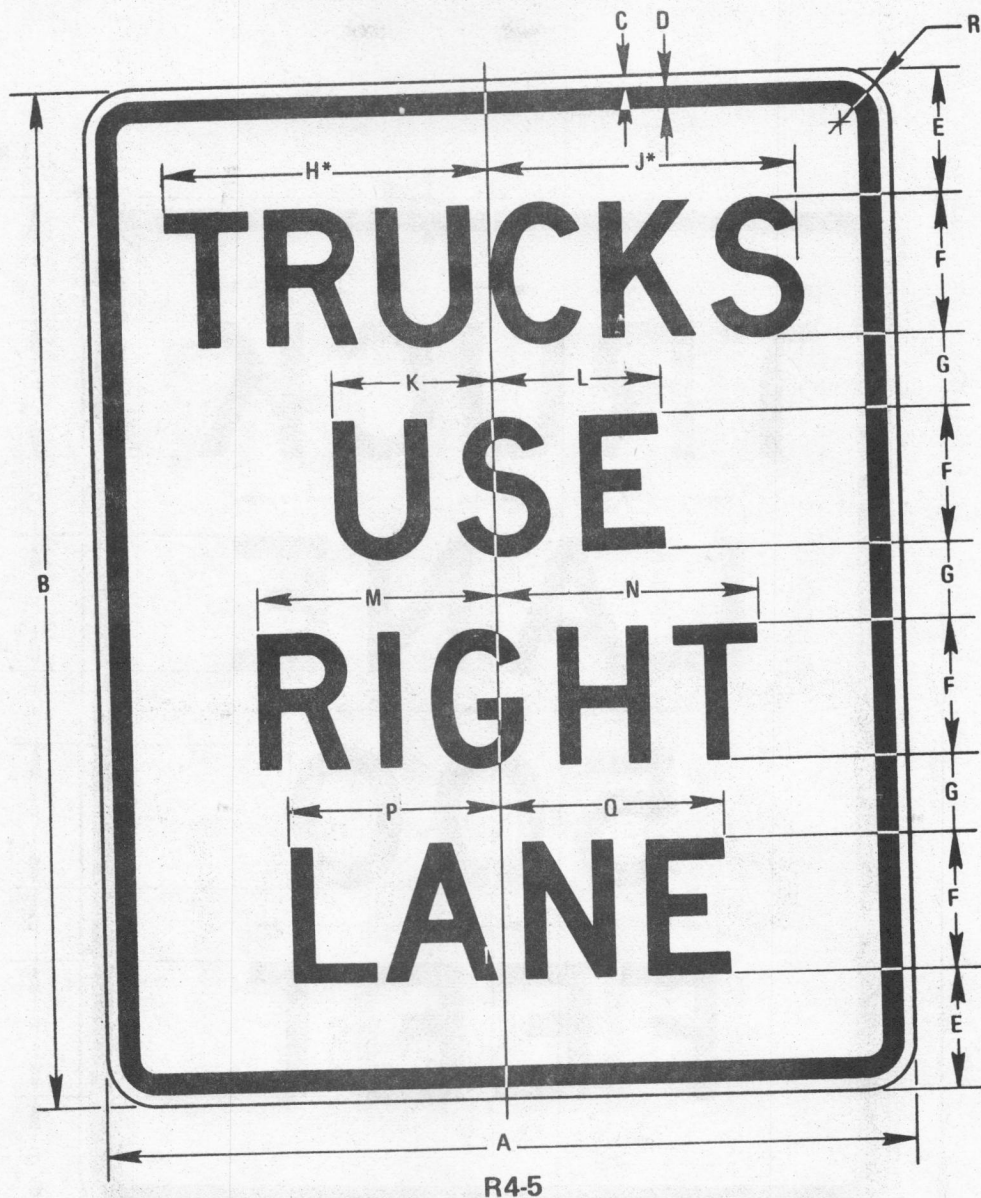
*Reduce spacing 25%

*Reduce spacing 2

SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
MIN. & STD.	24	30	3/8	5/8	3-5/8	4D	2-1/4	9-3/4	10	6	6-9/16	7-1/8	7-5/8	1-1/2
EXPWY.	36	48	5/8	7/8	6	6D	4	14-5/8	15	9	9-13/16	10-11/16	11-3/8	2-1/4
FWY.	48	60	3/4	1-1/4	7-1/4	8D	4-1/2	19-1/2	20	12	13-1/8	14-1/4	15-1/4	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)

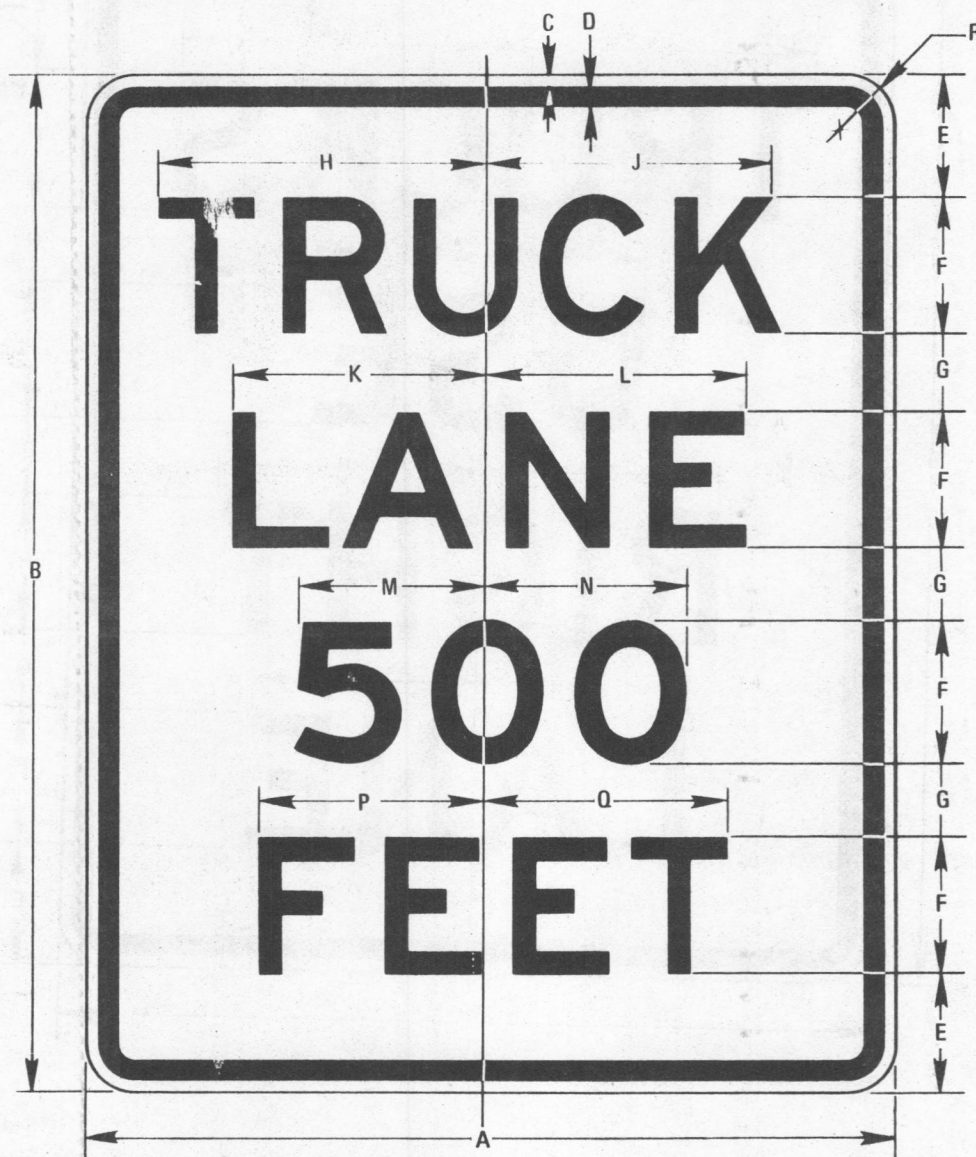


*Reduce spacing 32%

SIGN	DIMENSIONS (INCHES)															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
MIN. & STD.	24	30	3/8	5/8	3-5/8	4D	2-1/4	9-9/16	9-3/16	4-3/4	5	7-1/8	7-5/8	6-1/4	6-5/8	1-1/2
EXPWY.	36	48	5/8	7/8	6	6D	4	14-5/16	13-13/16	7-1/8	7-1/2	10-11/16	11-3/8	9-3/8	9-15/16	2-1/4
FWY.	48	60	3/4	1-1/4	7-1/4	8D	4-1/2	19-1/8	18-3/8	9-1/2	10	14-1/4	15-1/4	12-1/2	13-1/4	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)

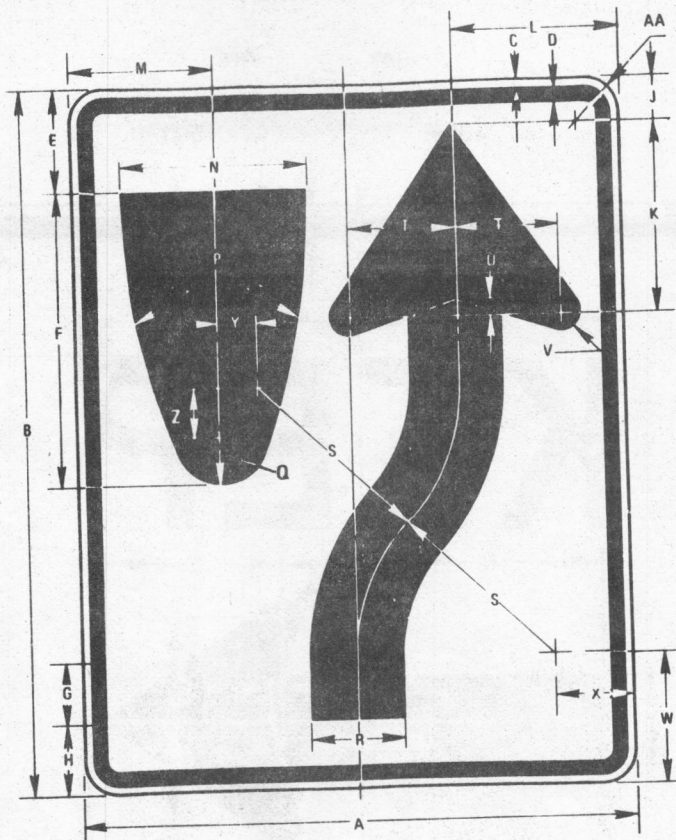


R4-6

SIGN	DIMENSIONS (INCHES)															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
MIN. & STD.	24	30	3/8	5/8	3-5/8	4E	2-1/4	9-13/16	9-11/16	7-9/16	7-11/16	5-11/16	5-13/16	6-7/8	7-1/16	1-1/2
EXPWY.	36	48	5/8	7/8	6	6E	4	14-3/4	14-1/2	11-5/16	11-1/2	8-1/2	8-3/4	10-5/16	10-5/8	2-1/4
FWY.	48	60	3/4	1-1/4	7-1/4	8E	4-1/2	19-5/8	19-3/8	15-1/8	15-3/8	11-3/8	11-5/8	13-3/4	14-1/8	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R4-7



SIGN	DIMENSIONS (INCHES)																			
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V
MIN.	18	24	3/8	5/8	3-3/8	9-3/8	1-7/8	2-1/4	1-3/8	6-1/8	5-1/2	4-11/16	6	22-1/2	1-1/2	3	6-3/4	3-1/2	7/16	9/16
STD.	24	30	3/8	5/8	4-1/2	12-1/2	2-1/2	3	1-7/8	8-1/8	7-3/8	6-1/4	8	30	2	4	9	4-5/8	5/8	13/16
EXPWY.	36	48	5/8	7/8	6-3/4	18-3/4	3-3/4	4 1/2	2-13/16	12-3/16	11-1/8	9-3/8	12	45	3	6	13-1/2	6-7/8	15/16	1-3/16
FWY.	48	60	3/4	1-1/4	9	25	5	6	3-3/4	16-1/4	14-13/16	12-1/2	16	60	4	8	18	9-3/16	1-1/4	1-5/8

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R4-7a

SIGN	DIMENSIONS (INCHES)																			
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	
MIN.	18	24	3/8	5/8	3-3/4	4D	4-1/4	6	6-9/16	7-1/8	7-5/8	2-1/4	6	1-1/2	4-1/2	3/8	2-5/8	7/16	1-1/2	
STD.	24	30	3/8	5/8	4-1/2	5D	5-1/2	7-1/2	8-1/4	8-13/16	9-9/16	2-5/8	7-1/8	2-1/4	5-1/4	3/8	3	1/2	1-1/2	
EXPWY.	36	48	5/8	7/8	7-1/2	8D	8-1/2	12	13-1/8	14-1/4	15-1/4	4-1/2	11-7/16	2-7/8	9-1/8	11/16	5-3/16	7/8	2-1/4	
FWY.	48	60	3/4	1-1/4	9	10D	11	15	16-1/2	17-5/8	19-1/8	5-1/4	14-1/4	4-3/8	10-5/8	13/16	6	1-1/16	3	

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)

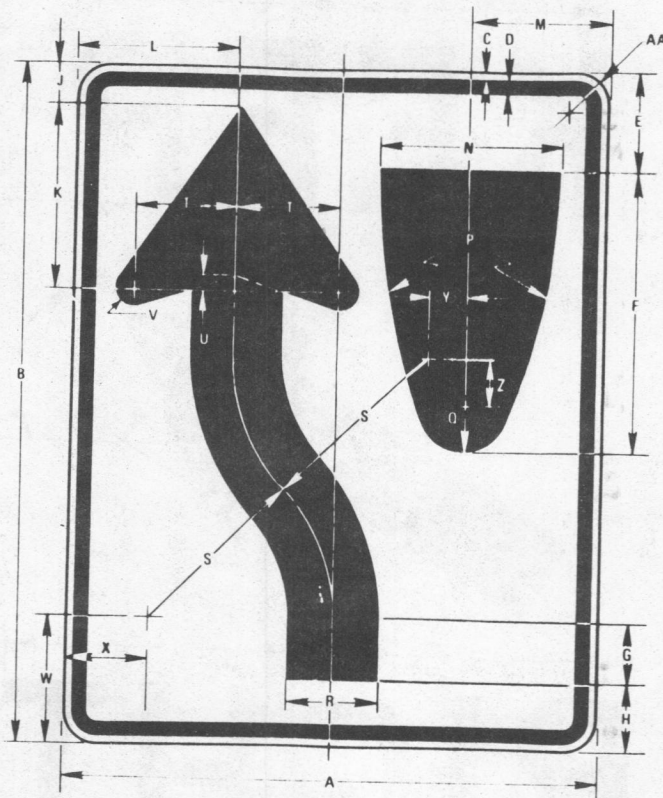


R4-7b

SIGN	DIMENSIONS (INCHES)																			
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	
MIN.	18	24	3/8	5/8	2-1/2	4D	5-1/2	6	6-9/16	7-1/8	7-5/8	2-1/4	6	1-1/2	4-1/2	3/8	2-5/8	7/16	1-1/2	
STD.	24	30	3/8	5/8	3	5D	7	7-1/2	8-1/4	8-13/16	9-9/16	2-5/8	7-1/8	2-1/4	5-1/4	3/8	3	1/2	1-1/2	
EXPWY.	36	48	5/8	7/8	5	8D	11	12	13-1/8	14-1/4	15-1/4	4-1/2	11-7/16	2-7/8	9-1/8	11/16	5-3/16	7/8	2-1/4	
FWY.	48	60	3/4	1-1/4	6	10D	14	15	16-1/2	17-5/8	19-1/8	5-1/4	14-1/4	4-3/8	10-5/8	13/16	6	1-1/16	3	

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



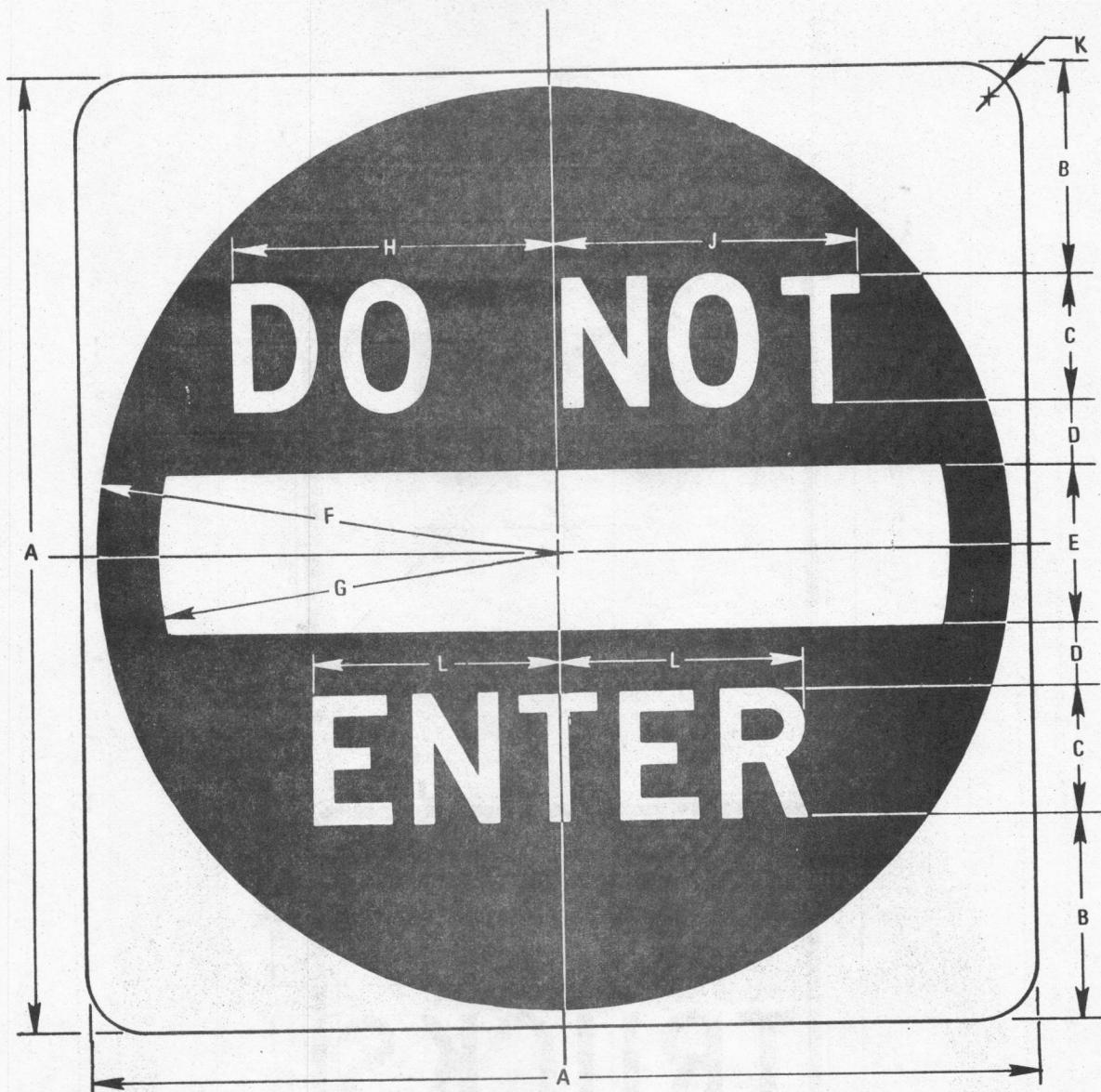
R4-8



SIGN	DIMENSIONS (INCHES)																					
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	AA
MIN.	18	24	3/8	5/8	3-3/8	9-3/8	1-7/8	2 1/4	1-3/8	6-1/8	5-1/2	4 11/16	6	22 1/2	1 1/2	3	6 3/4	3 1/2	7/16	9/16	4-1/8	2-1/4
STD.	24	30	3/8	5/8	4 1/2	12 1/2	2 1/2	3	1-7/8	8 1/8	7 3/8	6 1/4	8	30	2	4	9	4 5/8	5/8	13/16	5 1/2	3
EXPWY.	36	48	5/8	7/8	6 3/4	18-3/4	3 3/4	4 1/2	2 13/16	12 3/16	11 1/8	9-3/8	12	45	3	6	13-1/2	6 7/8	15/16	1-3/16	8-1/4	4-1/2
FWY.	48	60	3/4	1-1/2	9	25	5	6	3-3/4	16-1/4	14 13/16	12 1/2	16	60	4	8	18	9-3/16	1-1/4	1-5/8	11	6

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)

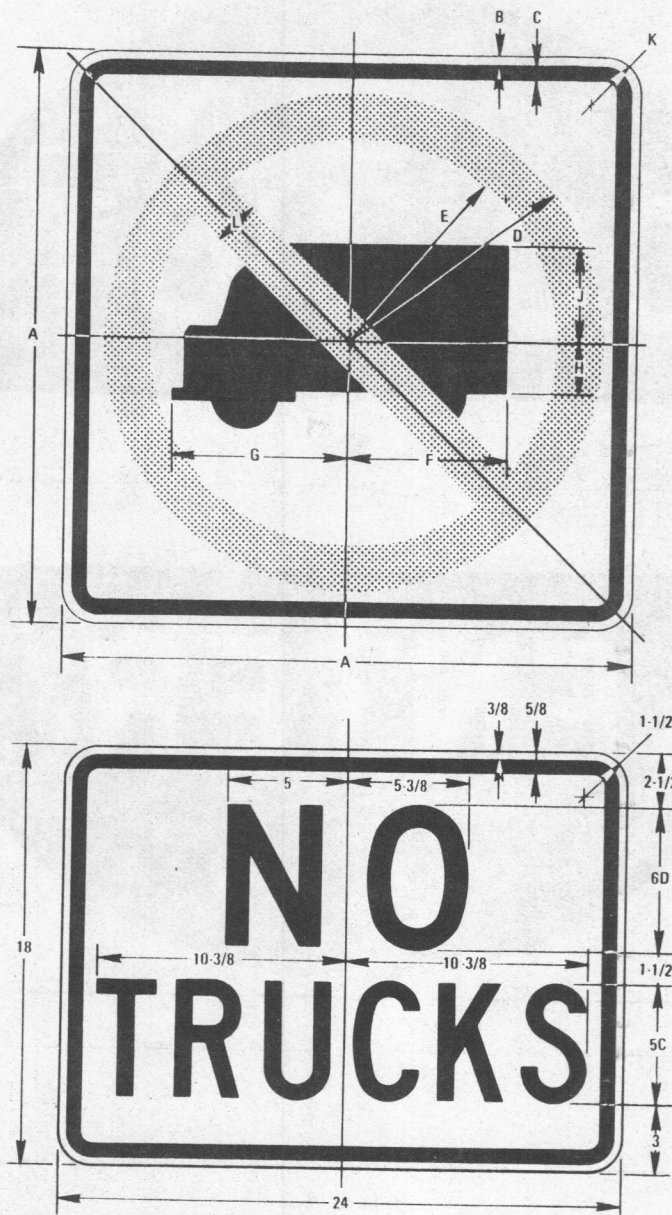


R5-1

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
STD. & MIN.	30	6-1/2	4D	2	5	14-1/2	12-1/2	9-3/4	10	1-7/8	7-7/8
EXPWY.	36	7-1/2	5D	2-1/2	6	17-1/2	15	12	12-3/8	2-1/4	9-13/16
SPECIAL	48	11	6D	3	8	23-1/2	20	14-1/2	15	3	11-3/4

COLORS

SYMBOL - RED (REFL)
 LEGEND & BACKGROUND - WHITE (REFL)

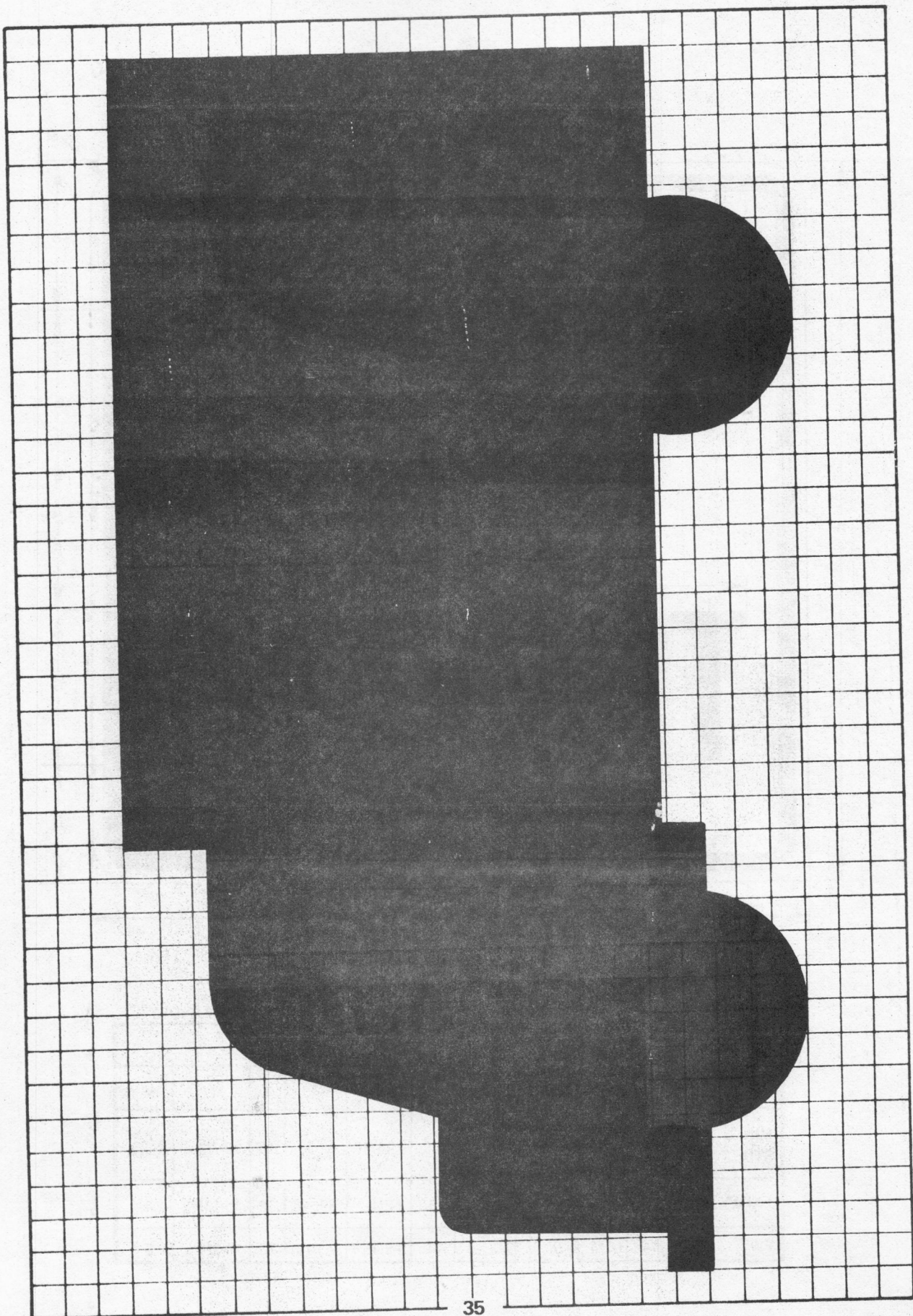


R5-2

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
STD. & MIN.	24	3/8	5/8	10 1/2	8 1/2	6 1/2	7 1/2	3 3/4	4 1/4	1 1/2	2
SPECIAL	30	1/2	3/4	13 1/8	10 5/8	8 1/8	9 3/8	4 3/4	5 1/4	1 7/8	2 1/2
SPECIAL	36	5/8	7/8	15 3/4	12 3/4	9 3/4	11 1/4	5 5/8	6 3/8	2 1/4	3
SPECIAL	48	3/4	1 1/4	21	17	13	15	7 1/2	8 1/2	3	4

COLORS

CIRCLE AND DIAGONAL - RED (REFL)
 SYMBOL, BORDER, LEGEND - BLACK (NON-REFL)
 BACKGROUND - WHITE (REFL)





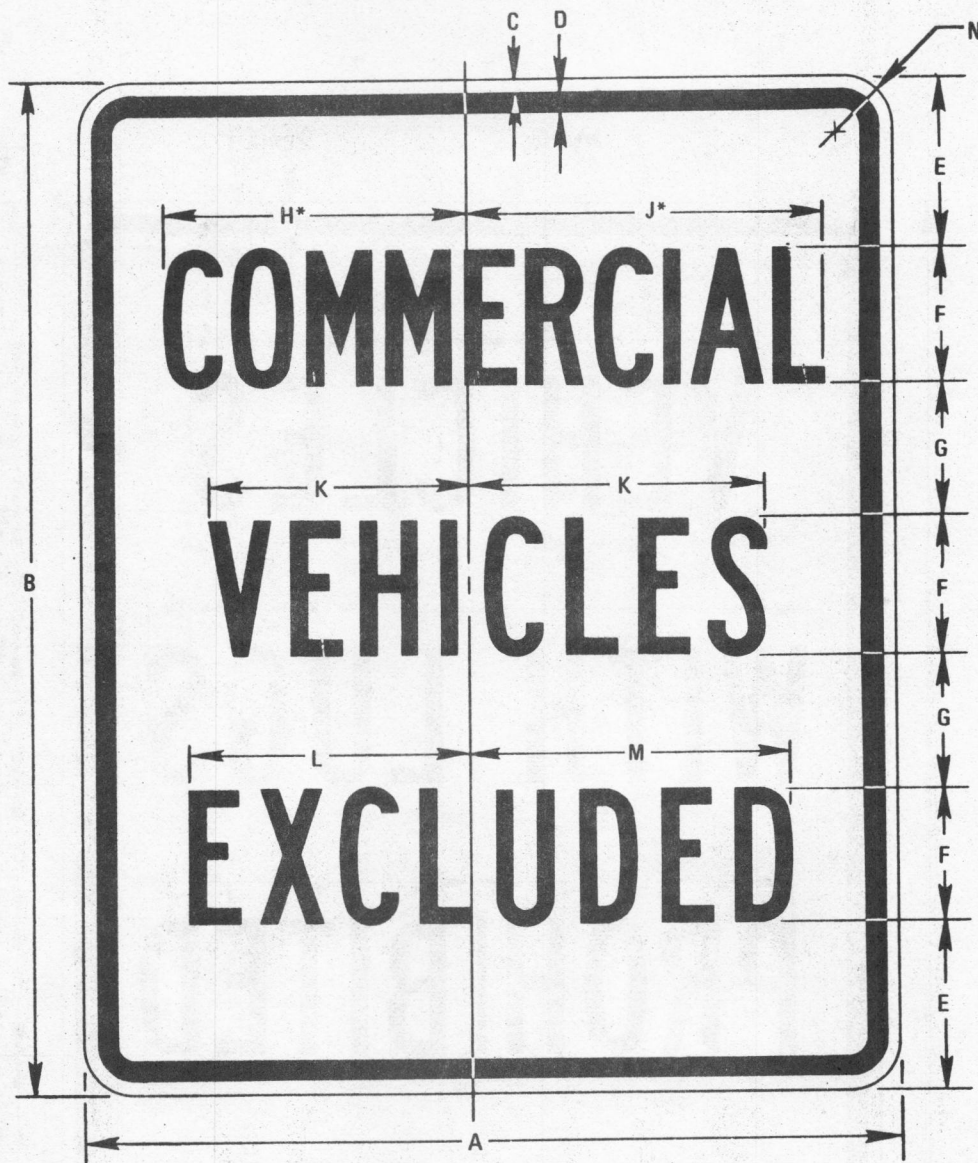
R5-2a

*Reduce spacing 20%

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
MIN. & STD.	24	3/8	5/8	4-1/2	6D	4	5C	4-11/16	5	10	9-7/8	1-1/2
EXPWY.	36	5/8	7/8	6	10D	6	8C	7-3/4	8-5/16	16	15-13/16	2-1/4
FWY.	48	3/4	1-1/4	9	12D	8	10C	9-5/16	10	20	19-3/4	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R5-4

*Reduce spacing 50%

SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	N
MIN.	18	24	3/8	5/8	4-1/4	3B	3-1/4	7-1/8	7-3/8	6-3/16	6-1/2	6-11/16	1-1/2
STD.	24	30	3/8	5/8	5	4B	4	9-1/2	9-13/16	8-1/4	8-11/16	8-15/16	1-1/2
EXPWY.	36	48	5/8	7/8	8-1/2	6B	6-1/2	14-1/4	14-11/16	12-3/8	13	13-3/8	2-1/4
FWY.	48	60	3/4	1-1/4	10	8B	8	19	19-5/8	16-1/2	17-3/8	17-7/8	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



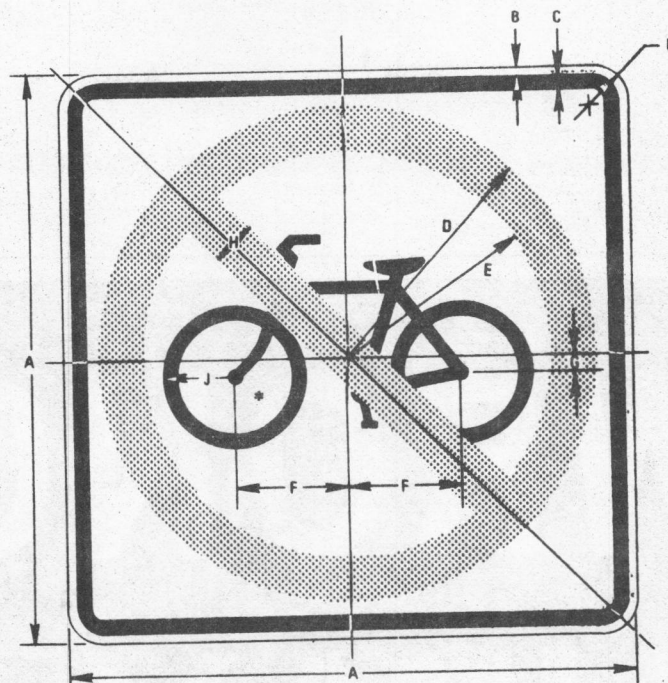
R5-5

*Reduce spacing 20%

SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	N
MIN.	18	24	3/8	5/8	4-1/4	3B	3-1/4	6-3/16	7-1/2	7-5/16	7-1/8	7-1/4	1-1/2
STD.	24	30	3/8	5/8	5	4B	4	8-1/4	10	9-3/4	9-1/2	9-11/16	1-1/2
EXPWY.	36	48	5/8	7/8	8-1/2	6B	6-1/2	12-3/8	15	14-5/8	14-1/4	14-1/2	2-1/4
FWY.	48	60	3/4	1-1/4	10	8B	8	16-1/2	20	19-1/2	19	19-3/8	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



*See page 111 for symbol design.



R5-6

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
STD. & MIN.	24	3/8	5/8	10-1/2	8-1/2	4-3/4	3/4	2	3	1-1/2
SPECIAL	30	1/2	3/4	13-1/8	10-5/8	5-7/8	7/8	2-1/2	3-3/4	1-7/8
SPECIAL	36	5/8	7/8	15-3/4	12-3/4	7-1/8	1-1/8	3	4-1/2	2-1/4
SPECIAL	48	3/4	1-1/4	21	17	9-1/2	1-1/2	4	6	3

COLORS

CIRCLE AND DIAGONAL - RED (REFL)
 SYMBOL, BORDER, LEGEND - BLACK (NON-REFL)
 BACKGROUND - WHITE (REFL)

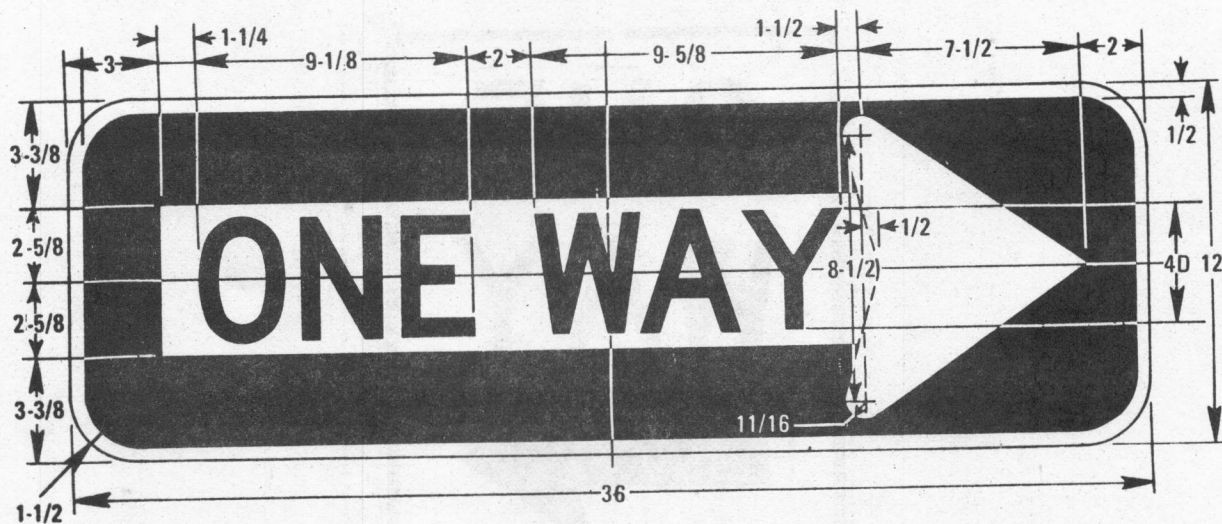


R5-9

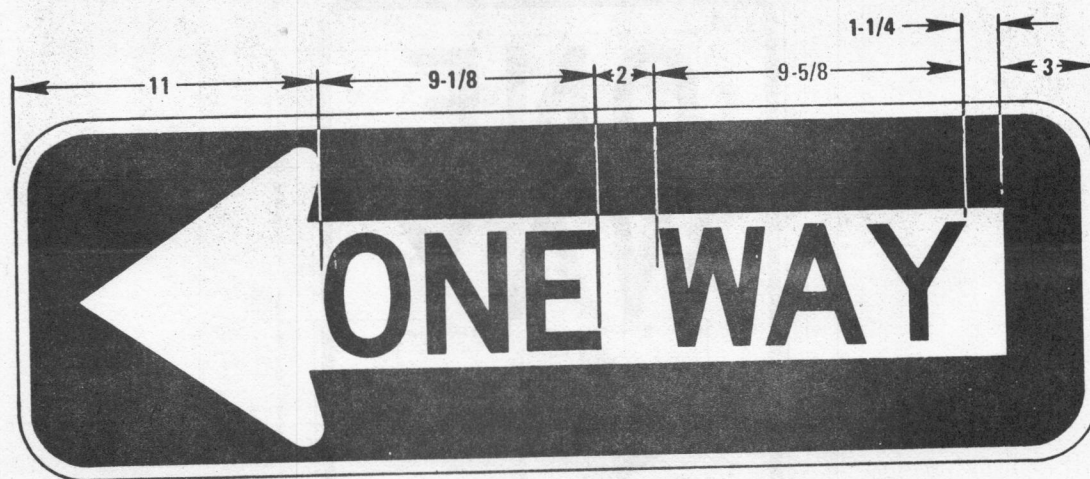
SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MIN.	30	18	5/8	3	5D	2	11-1/16	6-11/16	1-1/2
STD.	36	24	3/4	4-1/2	6D	3	13-5/16	8-1/16	1-1/2
SPECIAL	42	30	7/8	5	8D	4	17-3/4	10-3/4	1-7/8

COLORS

LEGEND - WHITE (REFL)
BACKGROUND - RED (REFL)



R6-1(R)



R6-1(L)

COLORS

LEGEND - BLACK (NON-REFL.)
 ARROW AND BORDER - WHITE (REFL.)
 BACKGROUND - BLACK (NON-REFL.)



R6-2(R)



R6-2(L)

SIGN	DIMENSIONS (INCHES)																				
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W
MIN. & STD.	18	24	3/8	5/8	2-1/2	5D	1-1/2	4-1/2	5-1/2	6-1/4	6-5/16	6-9/16	6-7/8	2-1/4	2-5/8	4-1/2	1-1/2	5-7/8	3/8	7/16	1-1/2
SPECIAL	24	30	3/8	5/8	3	6D	1-7/8	6-1/16	7-1/16	7-1/4	7-1/2	7-7/8	8-1/4	3	3-1/2	6-1/8	1-7/8	7-3/4	7/16	9/16	1-1/2

COLORS

LEGEND - BLACK (NON-REFL.)
BACKGROUND - WHITE (REFL.)



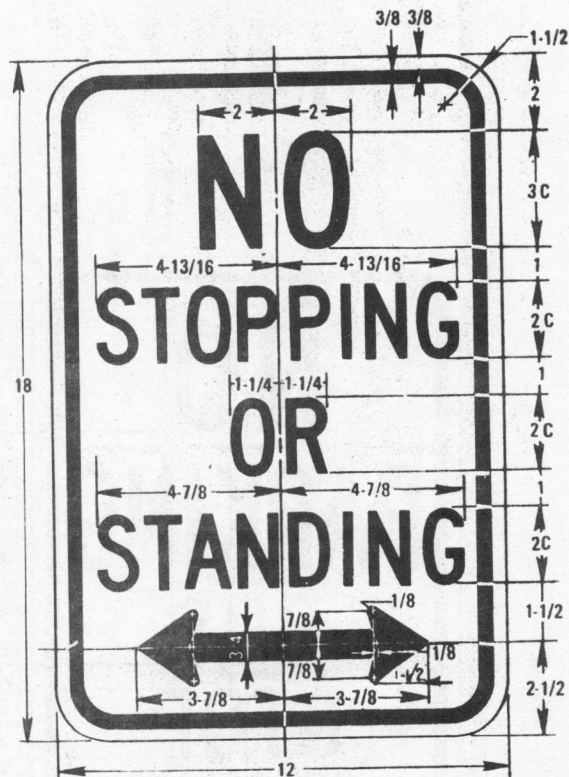
R7-1



R7-2



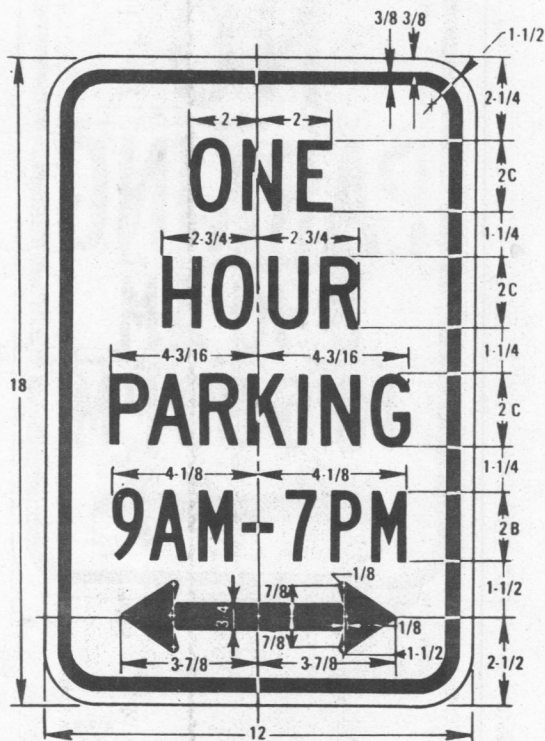
R7-3



R7-4

COLORS

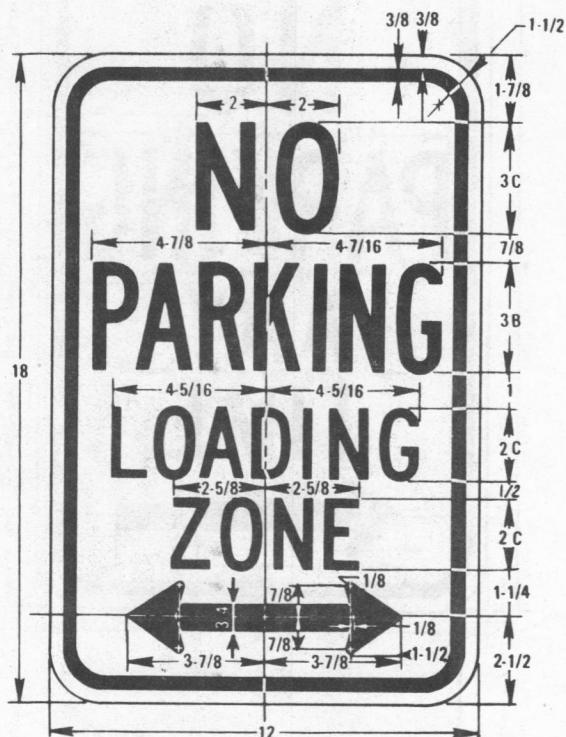
LEGEND -- RED
BACKGROUND -- WHITE



R7-5

COLORS

LEGEND - GREEN
BACKGROUND - WHITE



R7-6

COLORS

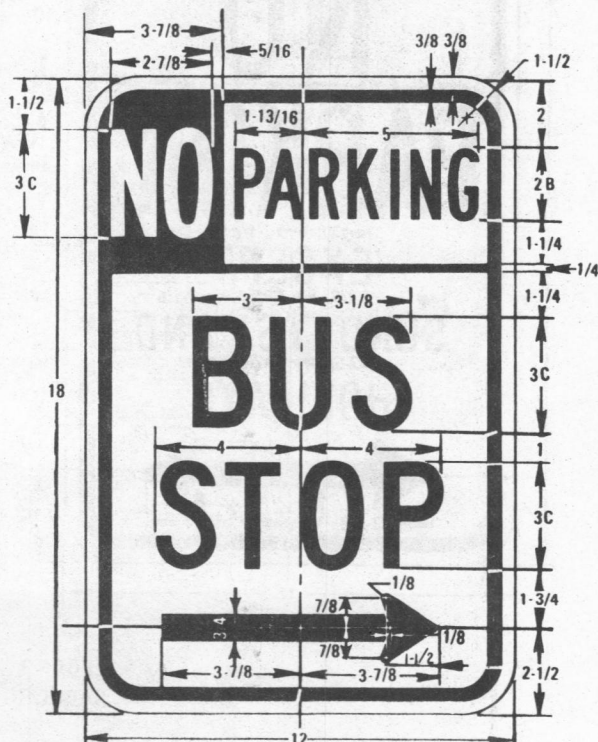
LEGEND - RED
BACKGROUND - WHITE



R7-7

COLORS

LEGEND - RED
BACKGROUND - WHITE



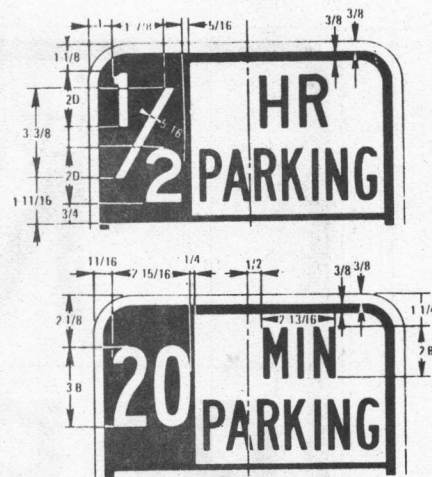
R7-107

COLORS

LEGEND - RED
BACKGROUND - WHITE



R7-108



R7-108 (Variations)

COLORS

LEGEND - GREEN
BACKGROUND - WHITE



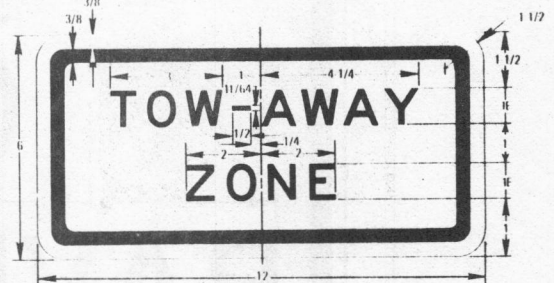
R7-200

COLORS

LEGEND - RED
BACKGROUND - WHITE

COLORS

LEGEND - GREEN
BACKGROUND - WHITE



R7-201



R7-202

COLORS

LEGEND - RED
BACKGROUND - WHITE



R8-1

*Reduce spacing 50% for
STD EXPWY. and FWY. sizes

SIGN	DIMENSIONS (INCHES)															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
MIN.	18	24	3/8	5/8	3-1/2	3D	2-1/2	3C	2D	2	2-9/16	6-15/16	1-5/8	6-11/16	6-7/8	1-1/2
STD.	24	30	3/8	5/8	3-5/8	5D	2-1/4	5C	3D	2-1/4	4-5/16	10-1/8	2-7/16	10	10-1/4	1-1/2
EXPWY.	36	48	5/8	7/8	6	7D	5	7C	4D	4	6-1/16	14-1/4	3-1/4	13-3/8	13-3/4	2-1/4
FWY.	48	60	3/4	1-1/4	7-1/2	9D	6	9C	5D	5	7-3/4	18-5/16	4-1/16	16-11/16	17-1/8	3

COLORS

LEGEND — RED (REFL)
BACKGROUND — WHITE (REFL)



R8-2

*Reduce spacing 50% for
STD EXPWY. and FWY. sizes

SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
MIN.	18	24	3/8	5/8	3-1/2	3D	2-1/2	3C	2C	2	2-9/16	6-15/16	6-1/8	5-3/4	1-1/2
STD.	24	30	3/8	5/8	3-5/8	5D	2-1/4	5C	3C	2-1/4	4-5/16	10-1/8	9-3/16	8-9/16	1-1/2
EXPWY.	36	48	5/8	7/8	6	7D	5	7C	4C	4	6-1/16	14-1/4	12-1/4	11-1/2	2-1/4
FWY.	48	60	3/4	1-1/4	7-1/2	9D	6	9C	5C	5	7-3/4	18-5/16	15-5/16	14-1/4	3

COLORS

LEGEND — RED (REFL)
BACKGROUND — WHITE (REFL)



R8-3

* Reduce spacing 50% for STD
EXPWY. and FWY sizes

**Recommend square shape for
EXPWY and FWY sizes.

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	18	24	3/8	5/8	7	4D	3	3C	3-1/2	6-15/16	1-1/2
STD.	24	30	3/8	5/8	7-1/4	6D	4-1/2	5C	5-3/16	10-1/8	1-1/2
EXPWY.	36	36	5/8	7/8	7-1/2	8D	6	7C	6-7/8	14-1/4	2-1/4
FWY.	48	48	3/4	1-1/4	10-1/2	10D	8	9C	8-5/8	18-5/16	3

COLORS

LEGEND — RED (REFL)
BACKGROUND — WHITE (REFL)



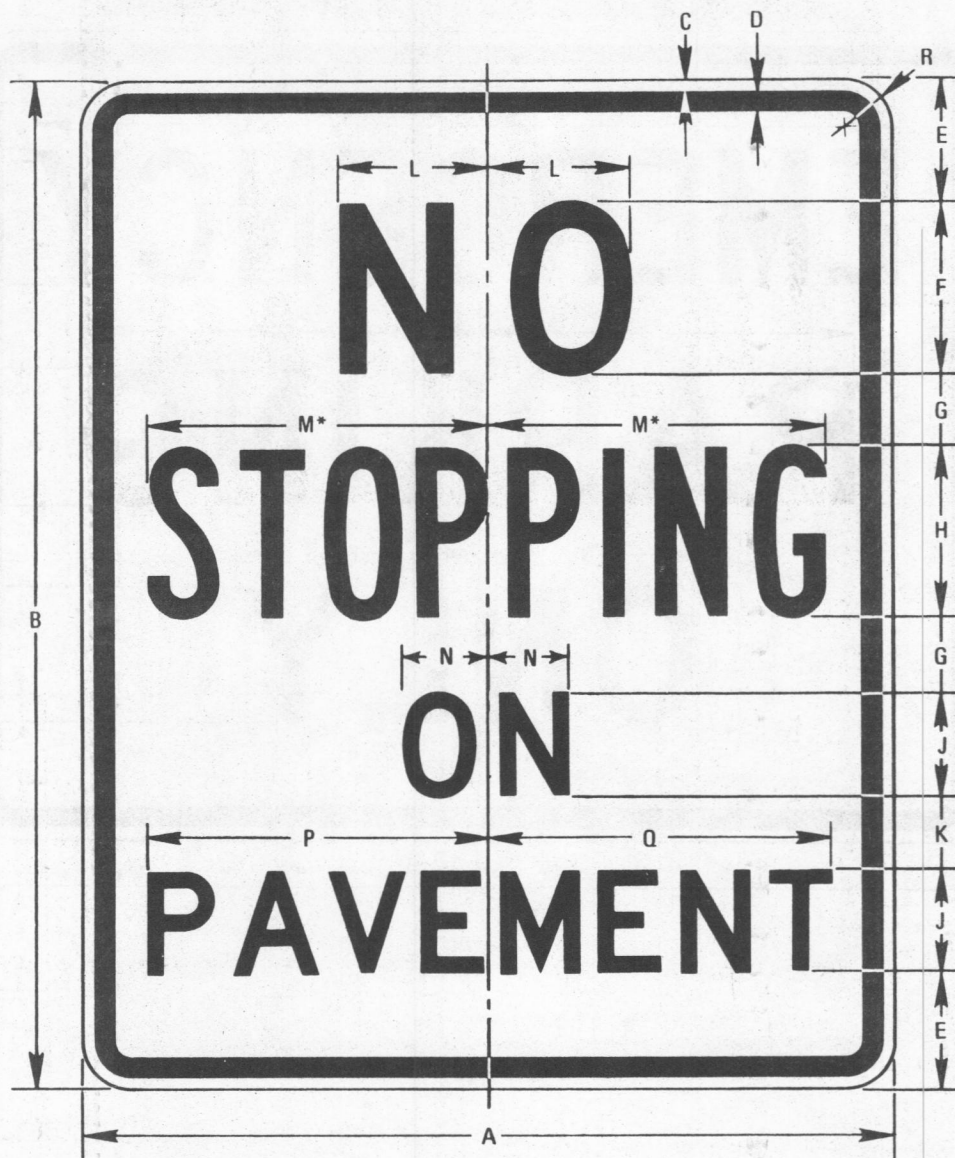
R8-4

*For FWY, size, reduce spacing 50%

SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
EXPWY.	30	24	3/8	5/8	3-1/2	4C	2-1/2	4D	12-1/2	13	11-3/16	11-3/8	6-7/16	7	1-1/2
FWY.	48	36	5/8	7/8	5	6D	4	6D	20-7/16	21-1/8	16-3/4	17	10-1/16	10-9/16	2-1/4

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



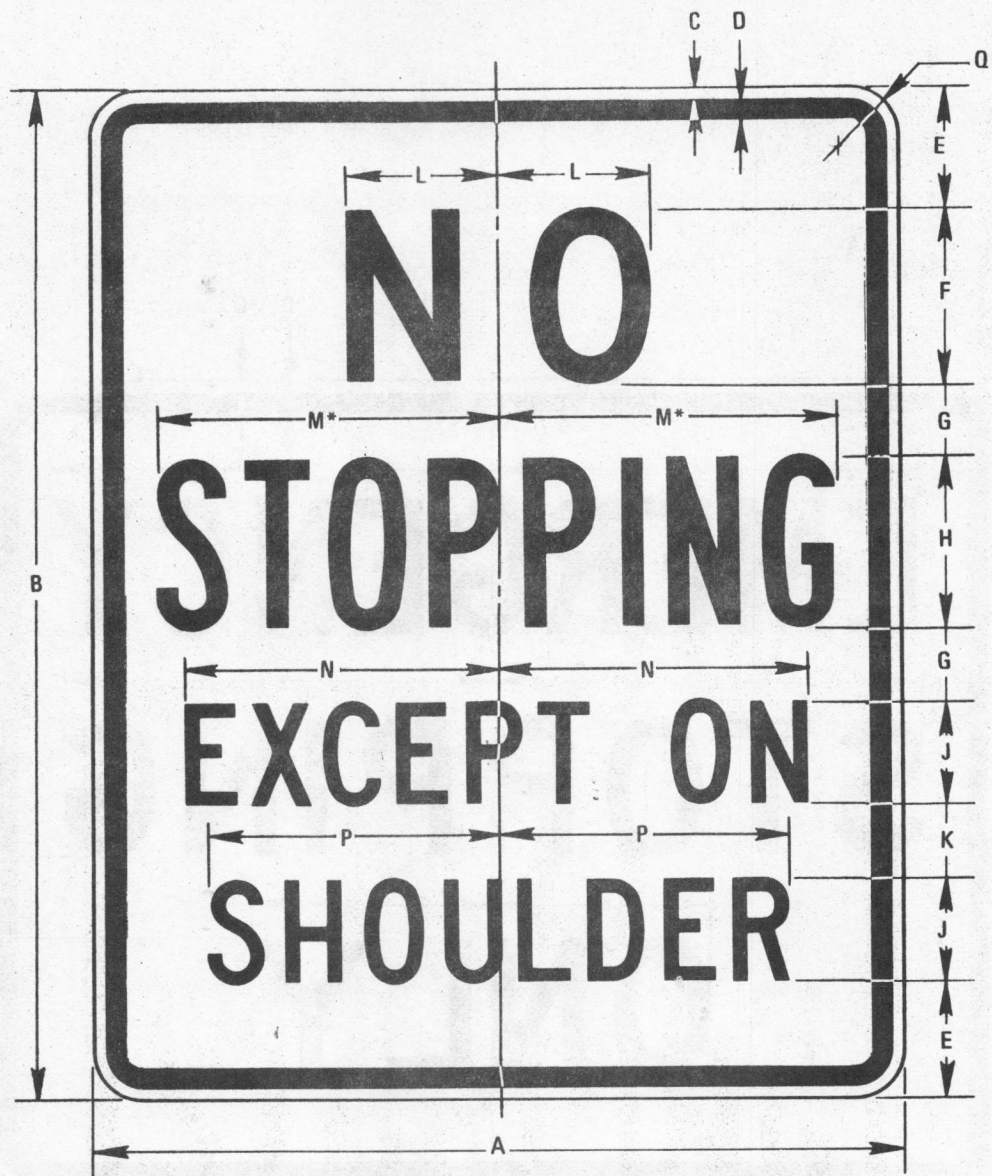
R8-5

*Reduce spacing 25%

SIGN	DIMENSIONS (INCHES)															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
MIN.	18	24	3/8	5/8	3-1/2	3D	2-1/2	3B	2D	2	2-9/16	6	1-5/8	6-11/16	6-7/8	1-1/2
STD.	24	30	3/8	5/8	3-5/8	5D	2-1/4	5B	3D	2-1/4	4-5/16	10	2-7/16	10	10-1/4	1-1/2
EXPWY.	36	48	5/8	7/8	6	7D	5	7B	4D	4	6-1/16	14	3-1/4	13-3/8	13-3/4	2-1/4
FWY.	48	60	3/4	1-1/4	7-1/2	9D	6	9B	5D	5	7-3/4	18	4-1/16	16-11/16	17-1/8	3

COLORS

LEGEND — RED (REFL)
BACKGROUND — WHITE (REFL)



R8-6

*Reduce spacing 25%

SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
MIN.	18	24	3/8	5/8	3-1/2	3D	2-1/2	3B	2C	2	2-9/16	6	6-1/8	5-3/4	1-1/2
STD.	24	30	3/8	5/8	3-5/8	5D	2-1/4	5B	3C	2-1/4	4-5/16	10	9-3/16	8-9/16	1-1/2
EXPWY.	36	48	5/8	7/8	6	7D	5	7B	4C	4	6-1/16	14	12-1/4	11-1/2	2-1/4
FWY.	48	60	3/4	1-1/4	7-1/2	9D	6	9B	5C	5	7-3/4	18	15-5/16	14-1/4	3

COLORS

LEGEND — RED (REFL)
BACKGROUND — WHITE (REFL)



R8-7

*For FWY size, reduce spacing 50%

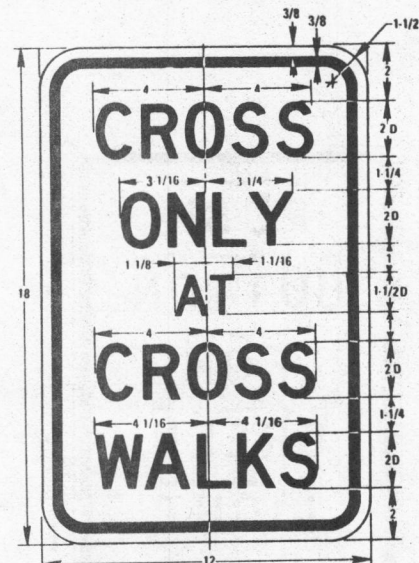
SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
EXPWY.	30	24	3/8	5/8	3-1/2	4C	2-1/2	4D	12-1/2	13	12-3/4	6-7/16	7	1-1/2
FWY.	48	36	5/8	7/8	5	6D	4	6D	20-7/16	21-1/8	19-1/8	10-1/16	10-9/16	2-1/4

COLORS

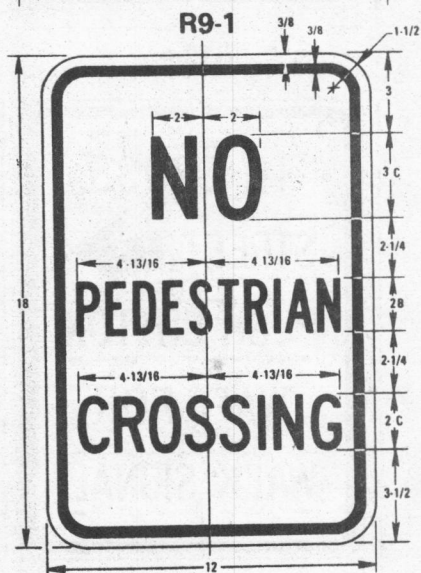
LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



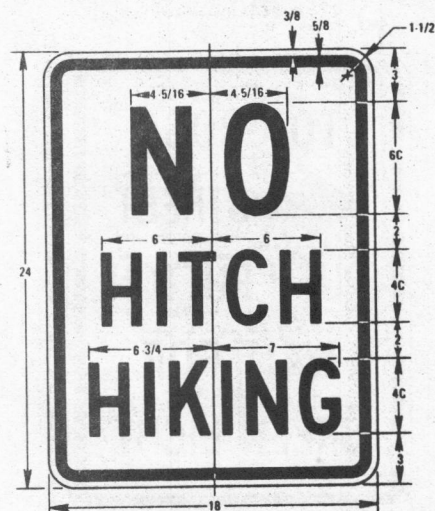
R9-1



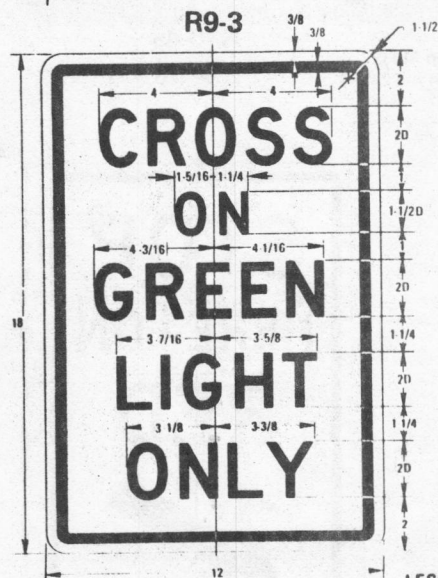
R9-2



R9-3



R9-4



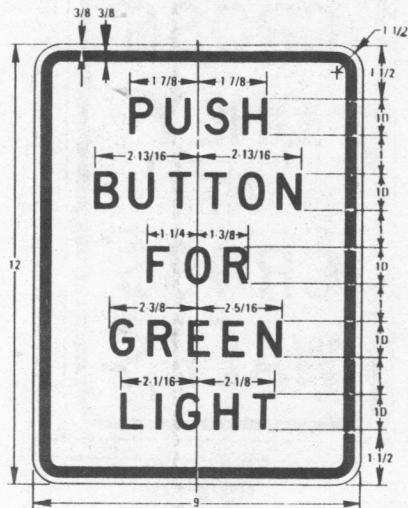
R10-1



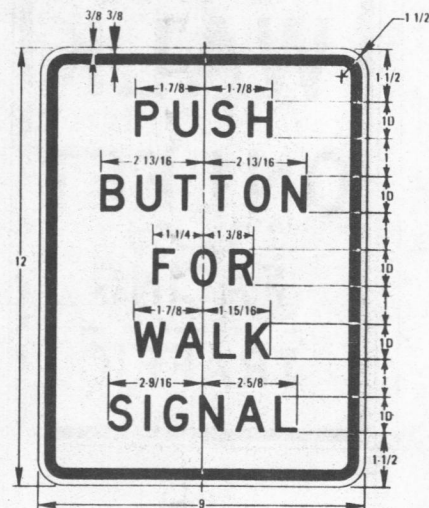
R10-2

COLORS

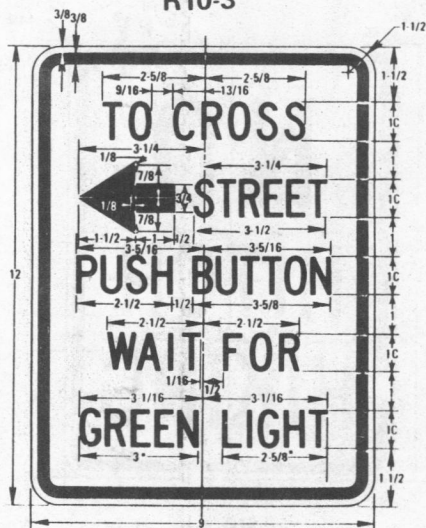
LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



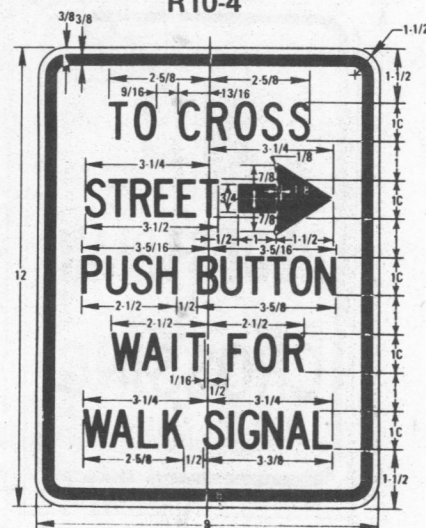
R10-3



R10-4



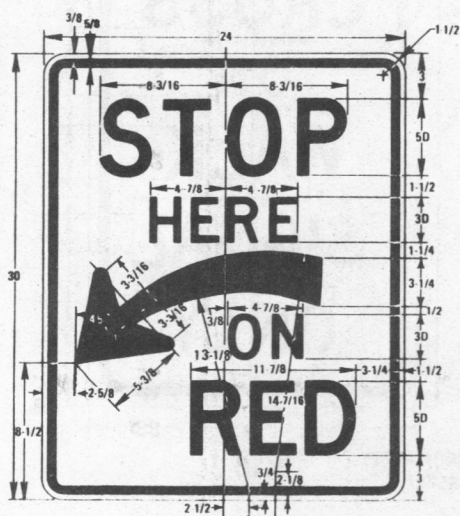
R10-3a



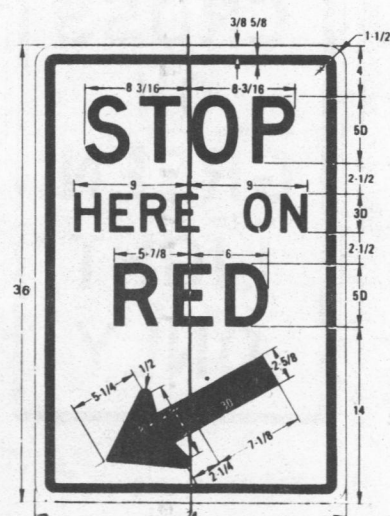
R10-4a

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (NON-REFL)



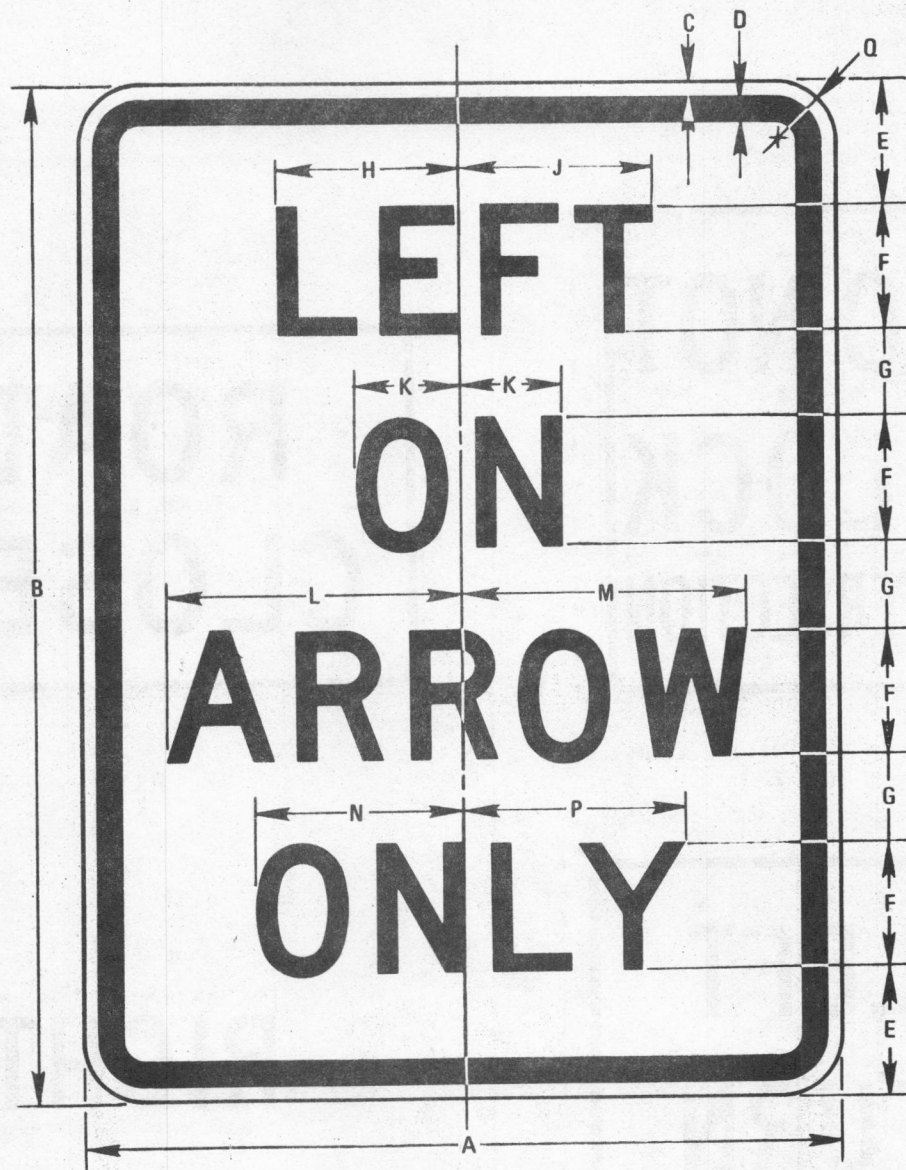
R10-6a



R10-6 *Tapered shaft design may be used.

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)

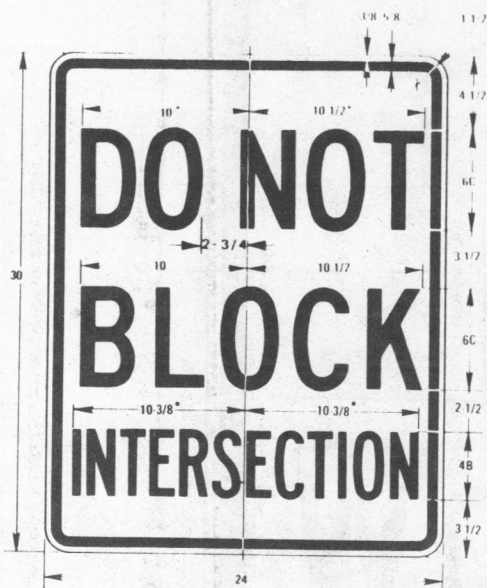


R10-5

SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
MIN.	12	18	3/8	3/8	2	2D	1-1/2	2-13/16	3-1/16	1-5/8	4-5/8	4-1/2	3-1/4	3-1/2	1-1/2
STD.	18	24	3/8	5/8	3	3D	2	4-1/4	4-5/8	2-7/16	6-7/8	6-13/16	4-7/8	5-1/4	1-1/2
SPECIAL	24	30	3/8	5/8	3-1/4	4D	2-1/2	5-5/8	6-1/8	3-1/4	9-1/4	9	6-1/2	7	1-1/2

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)

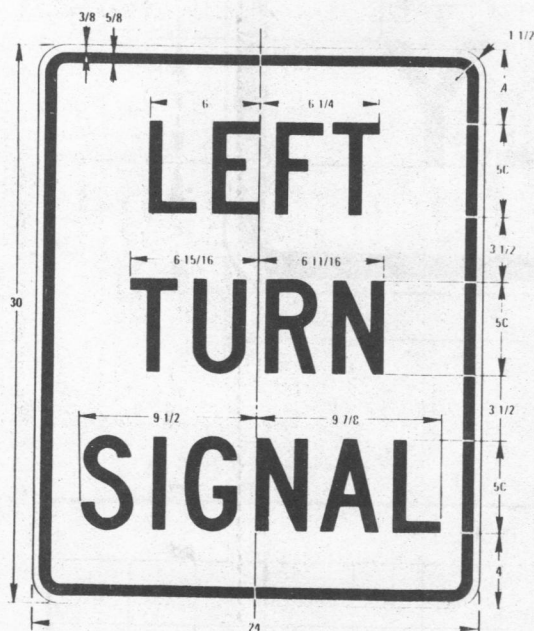


R10-7

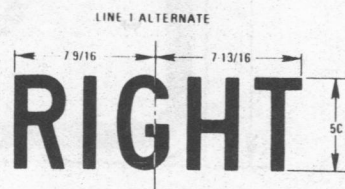
Reduce spacing 50%



R11-2



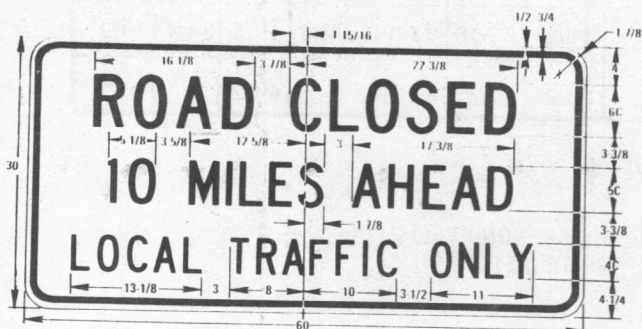
R10-10L



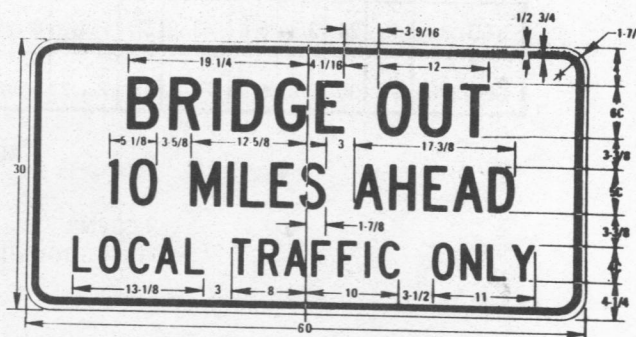
R10-10R

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)



R11-3a



R11-3b

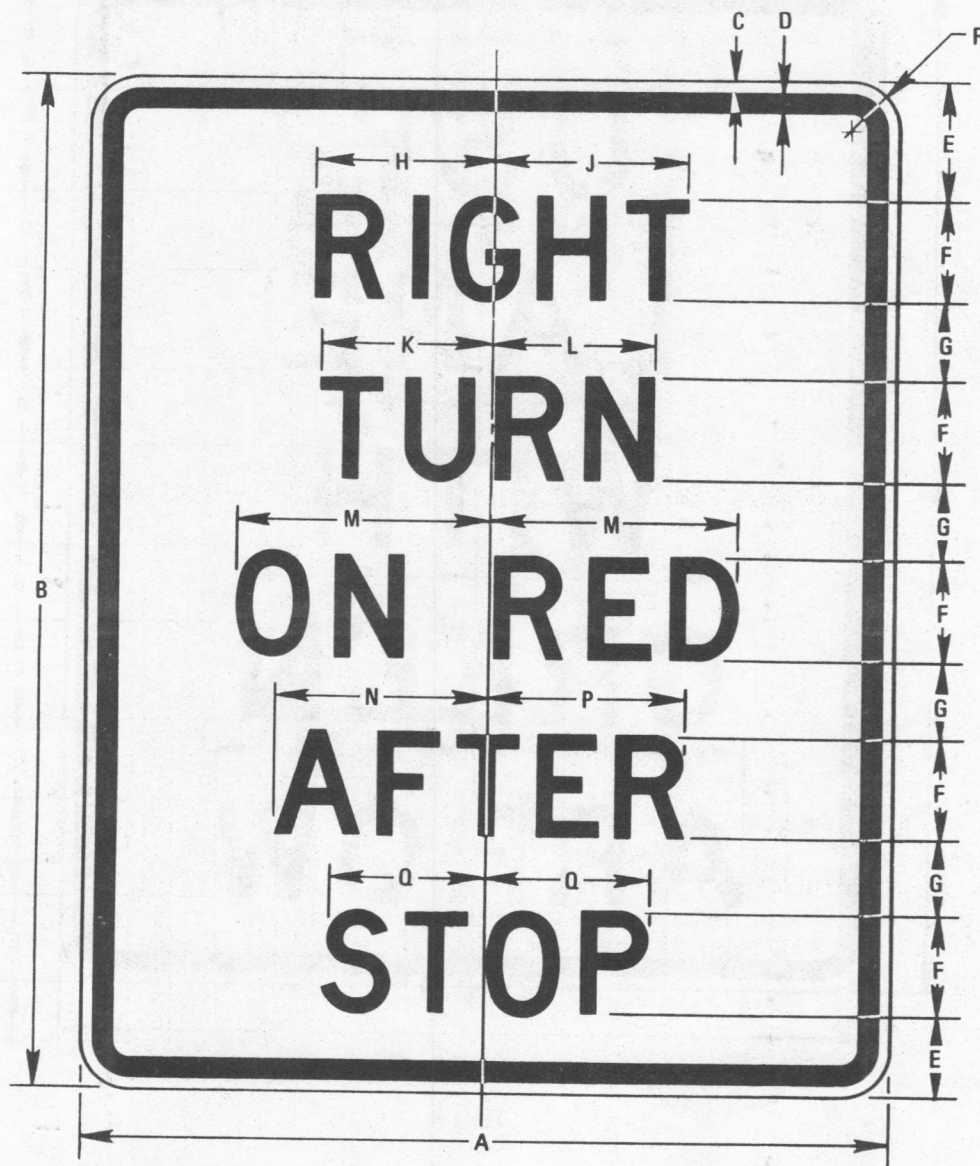


R10-8

SIGN	DIMENSIONS (INCHES)																		
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	
MIN.	18	24	3/8	5/8	3	2E	2	2-3/4	2-7/8	3-11/16	3-15/16	3-1/2	3-1/4	4-7/8	4-11/16	5-3/8	5-5/16	1-1/2	
STD.	24	30	3/8	5/8	3-1/2	3E	2-1/4	4-3/16	4-3/8	5-9/16	5-7/8	5-1/4	4-7/8	7-5/16	7-1/16	8-1/16	8	1-1/2	
SPECIAL	30	36	1/2	3/4	3	4E	2-1/2	5-9/16	5-13/16	7-3/8	7-7/8	7	6-1/2	9-3/4	9-3/8	10-3/4	10-5/8	1-7/8	

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — WHITE (REFL)

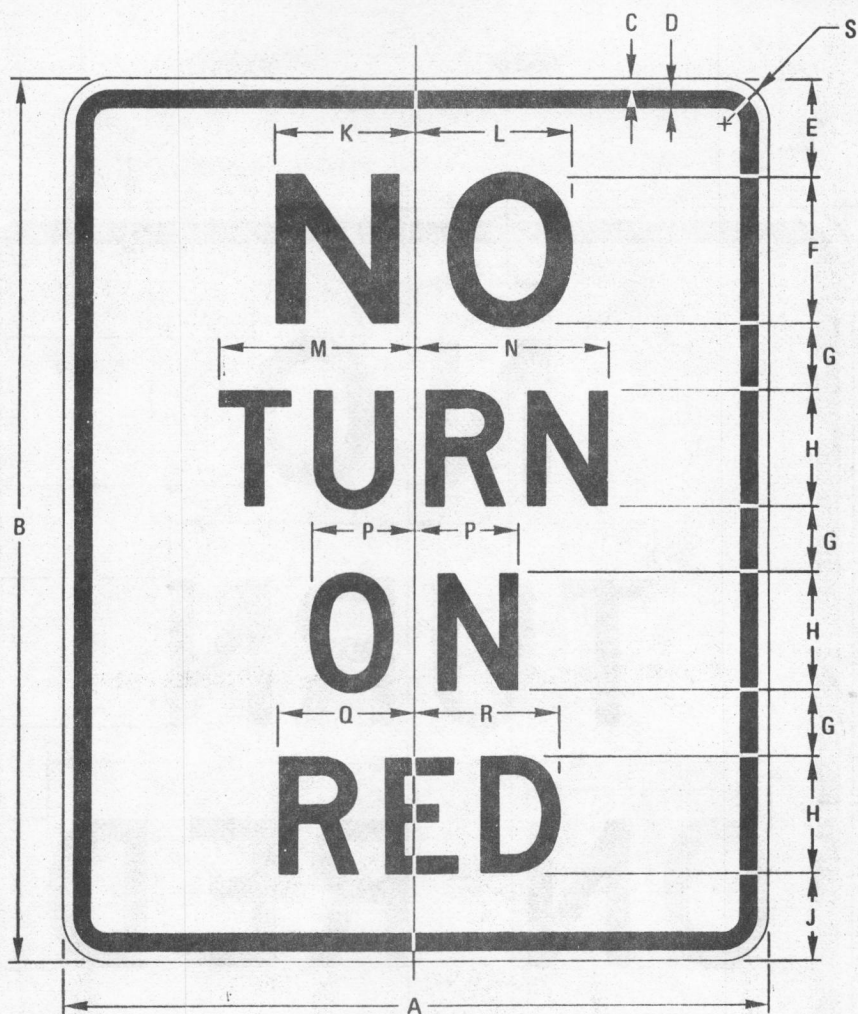


R10-9

SIGN	DIMENSIONS (INCHES)															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
MIN.	18	24	3/8	5/8	3	2D	2	3-7/16	3-7/8	3-3/8	3-3/16	4-3/4	4-1/8	3-15/16	3-5/16	1-1/2
STD.	24	30	3/8	5/8	3	3D	2-1/4	5-1/4	5-3/4	5	4-3/4	7-1/2	6-1/4	5-7/8	4-7/8	1-1/2
SPECIAL	30	36	1/2	3/4	3	4D	2-1/2	6-7/8	7-13/16	6-3/4	6-3/8	9-1/2	8-1/4	7-7/8	6-9/16	1-7/8

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)

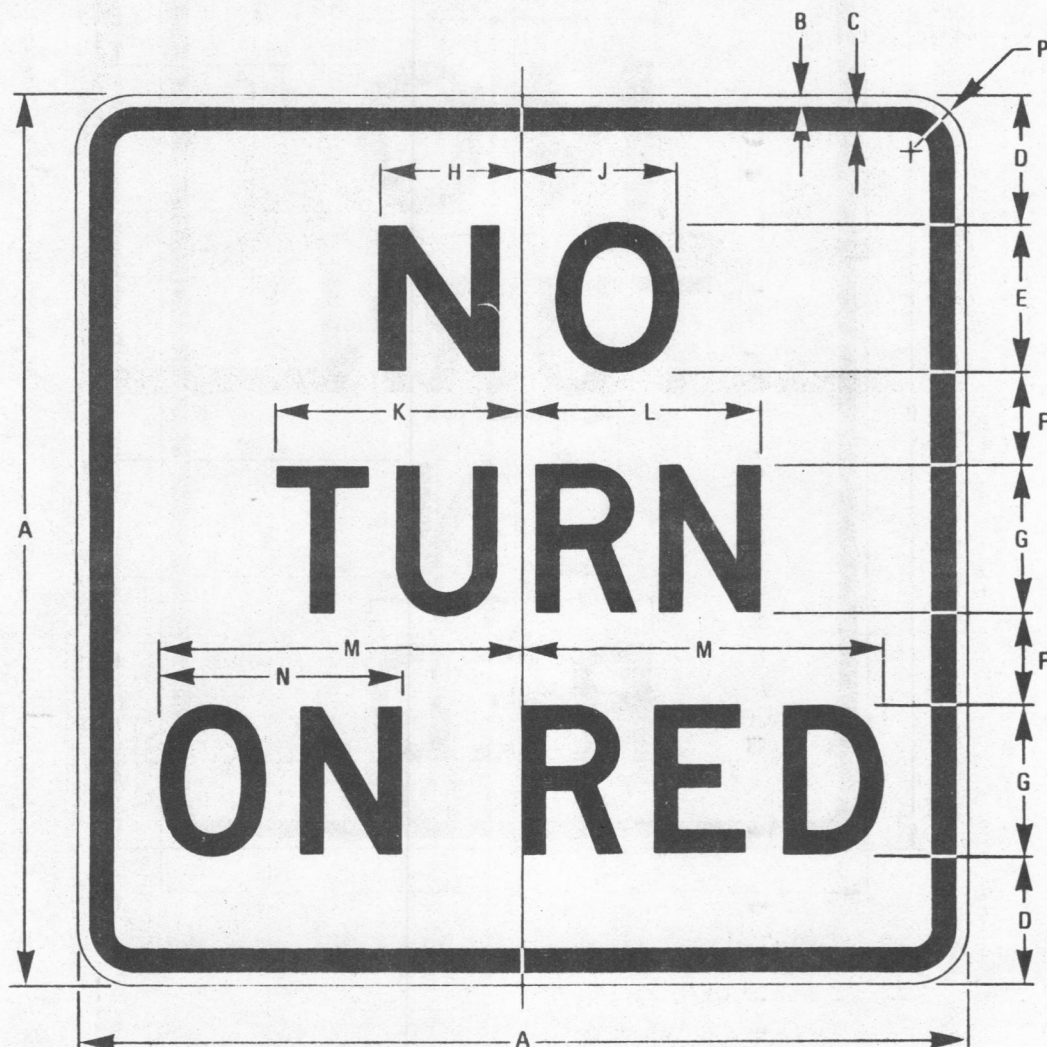


R10-11a

SIGN	DIMENSIONS (INCHES)																
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
MIN.	18	24	3/8	5/8	3	4E	1-3/4	3D	2-3/4	3-7/8	4-1/8	5	4-7/8	2-5/8	3-7/16	3-11/16	1-1/2
STD.	24	30	3/8	5/8	3-1/4	5E	2-1/4	4D	3	4-13/16	5-3/16	6-5/8	6-1/2	3-1/2	4-5/8	4-7/8	1-1/2
SPECIAL	36	48	5/8	7/8	6	8E	3-1/2	6D	5-1/2	7-3/4	8-1/4	10	9-3/4	5-1/4	6-7/8	7-3/8	2-1/4

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)

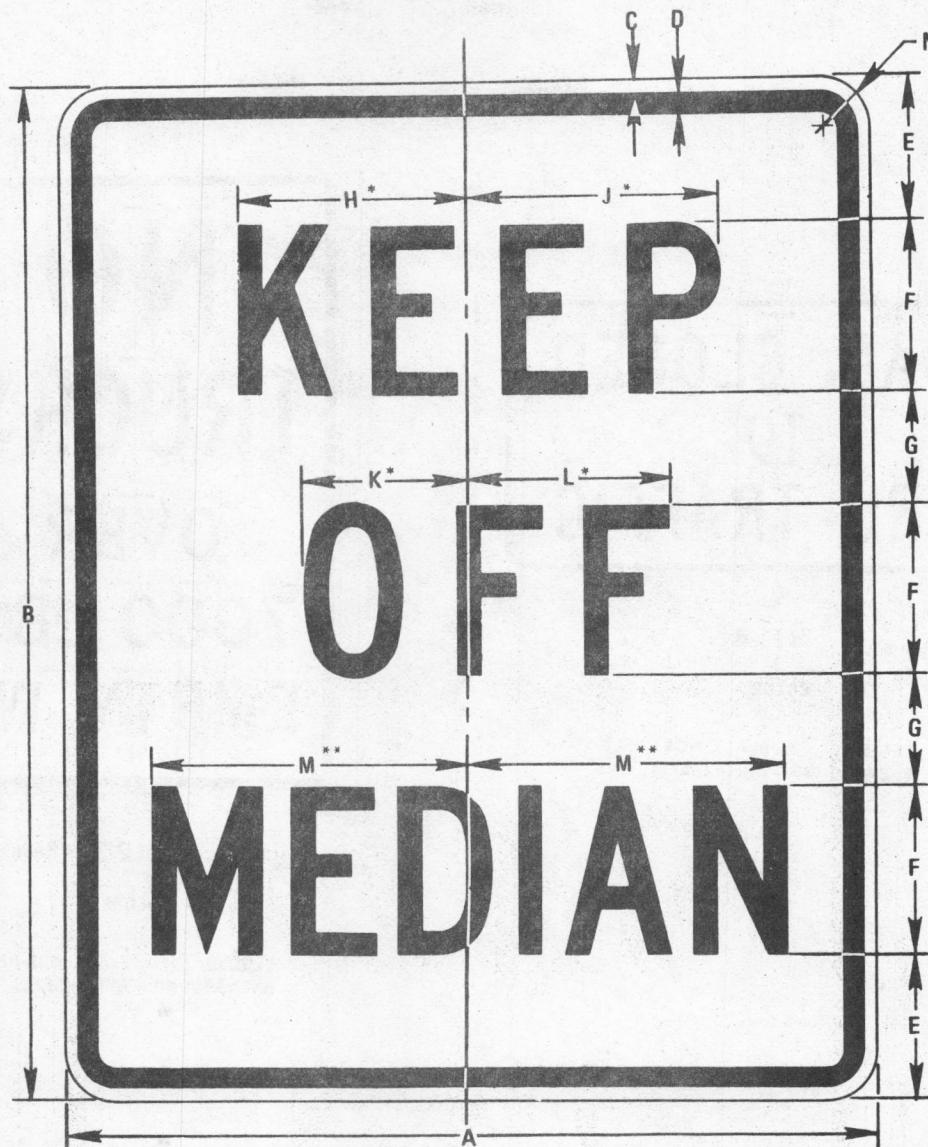


R10-11b

SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
MIN.	18	3/8	5/8	2-3/4	3E	1-3/4	3D	2-15/16	3-1/16	5	4-7/8	7-1/8	5-1/4	1-1/2
STD.	24	3/8	5/8	3-1/2	4E	2-1/2	4D	3-7/8	4-1/8	6-5/8	6-1/2	9-1/2	6-1/2	1-1/2
SPECIAL	30	1/2	3/4	4-1/2	5E	3	5D	4-13/16	5-3/16	8-1/4	8-1/8	11-7/8	7-3/4	1-7/8

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R11-1

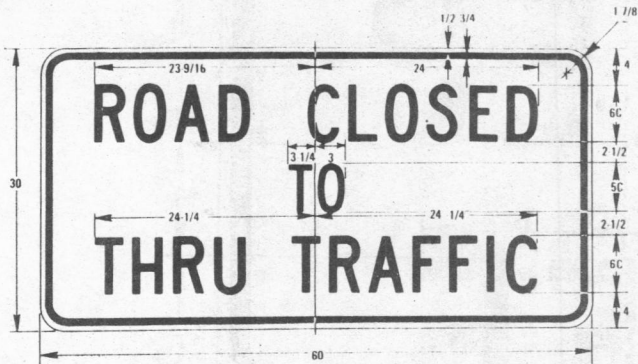
*Increase spacing 50%

**Reduce spacing 20%

SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	N
MIN. & STD.	24	30	3/8	5/8	4-1/4	5C	3-1/4	6-3/4	7-1/2	4-13/16	5-15/16	9-3/8	1-1/2
EXPWY.	36	48	5/8	7/8	6-3/4	8C	5-1/4	10-13/16	12	8-1/4	8-7/8	15	2-1/4
FWY.	48	60	3/4	1-1/4	8-1/2	10C	6-1/2	13-1/2	15	9-5/8	11-7/8	18-3/4	3

COLORS

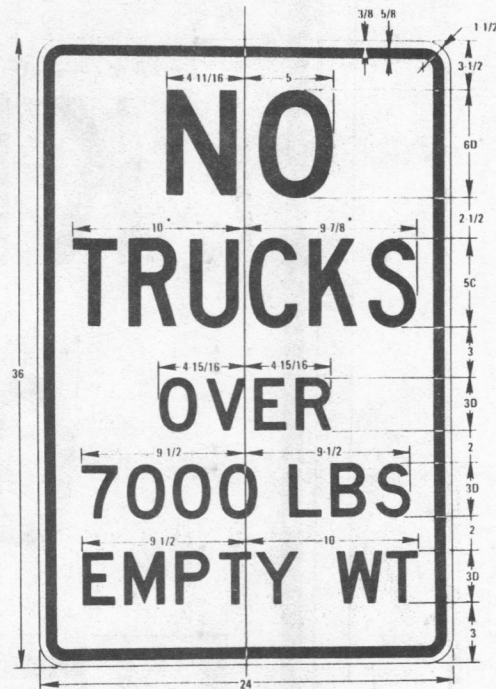
LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R11-4

COLORS

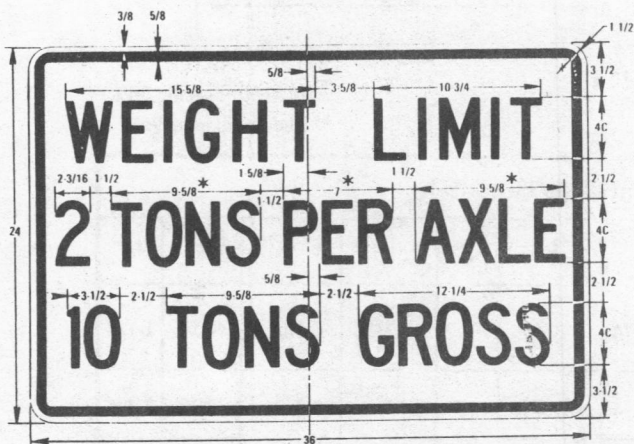
LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R12-3 *Reduce spacing 20%

COLORS

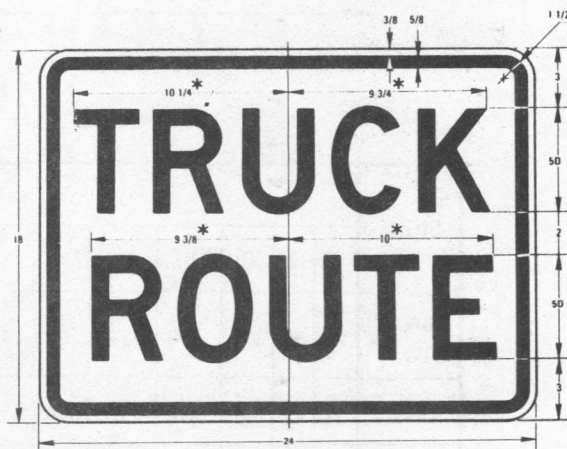
LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R12-4 *Reduce spacing 20%

COLORS

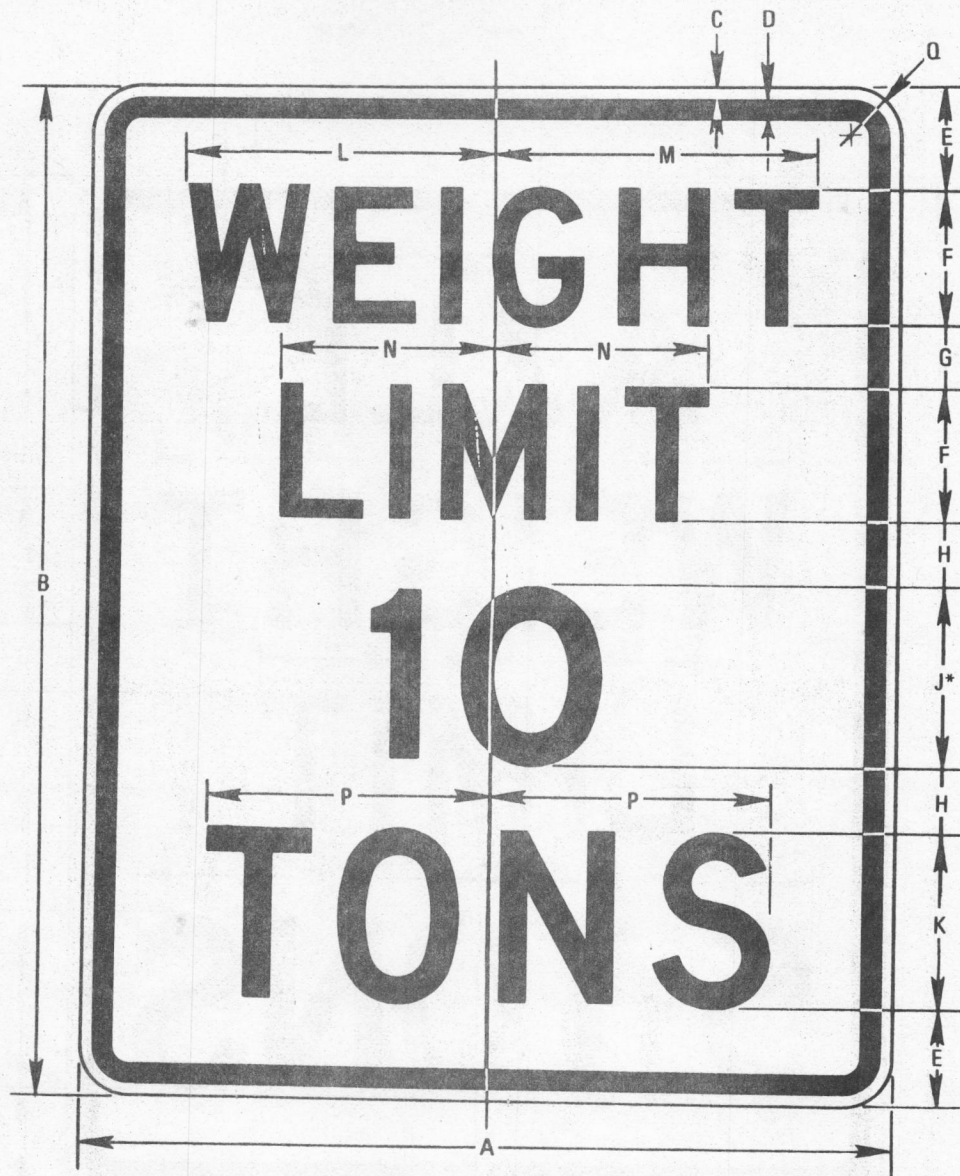
LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R14-1 *Reduce spacing 20%

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



R12-1

*Optically space numerals about vertical centerline.

SIGN	DIMENSIONS (INCHES)															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	
MIN. & STD.	24	30	3/8	5/8	3	4D	1-3/4	2-1/8	5E	5D	9	9-1/2	6-5/16	8-1/4	1-1/2	
SPECIAL	36	48	5/8	7/8	4-3/4	6D	3	3-3/4	8E	8D	13-1/2	14-1/4	9-7/16	13-1/4	2-1/4	

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



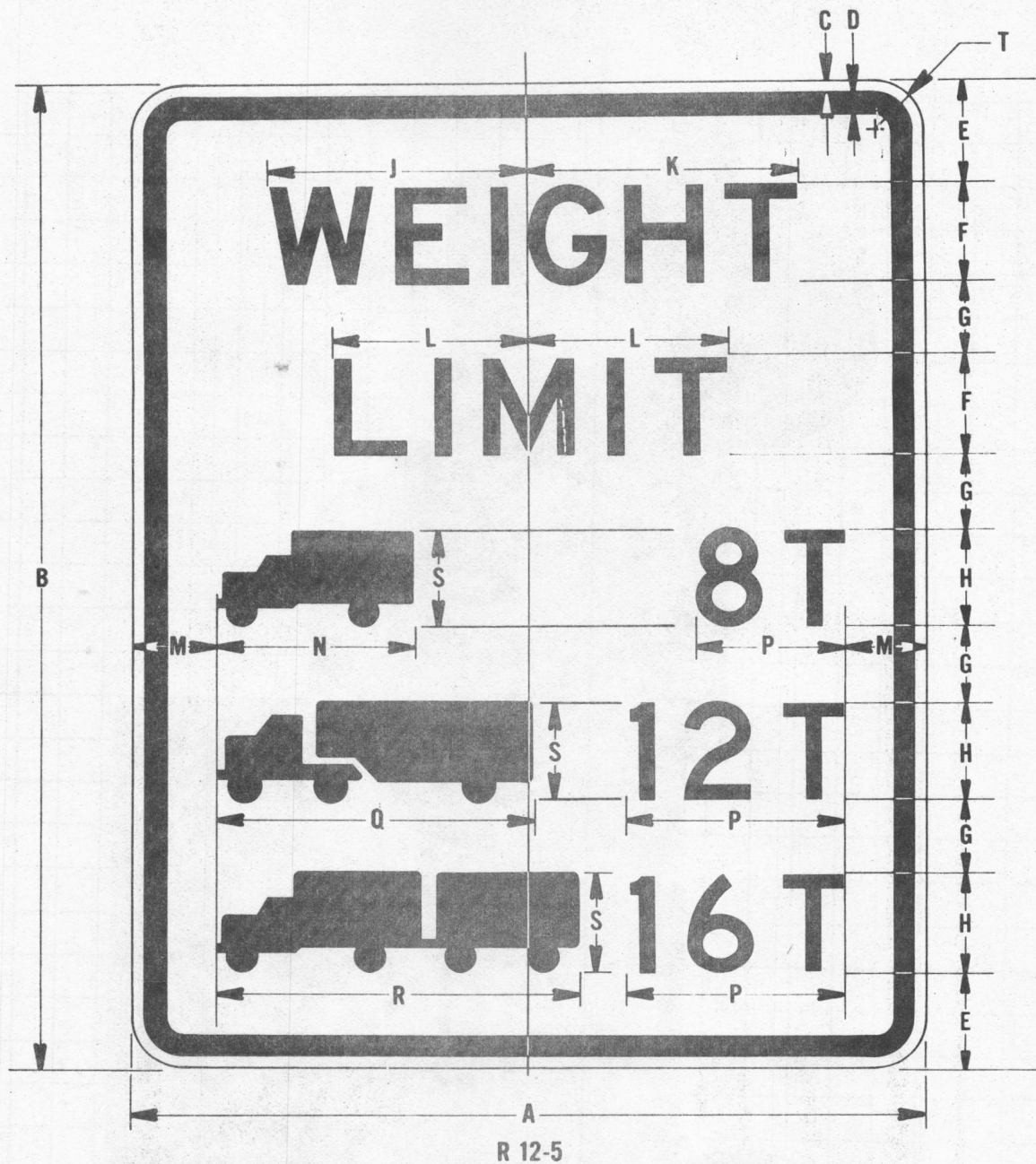
R12-2

*Reduce spacing 50%

SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
MIN. & STD.	24	30	3/8	5/8	3-1/4	4D	2	2-1/2	5D	6-7/8	9	9-1/2	6-5/16	10	1-1/2
SPECIAL	36	48	5/8	7/8	5-1/4	6D	3-1/2	4-1/2	8D	10-5/16	13-1/2	14-1/4	9-7/16	15	2-1/4

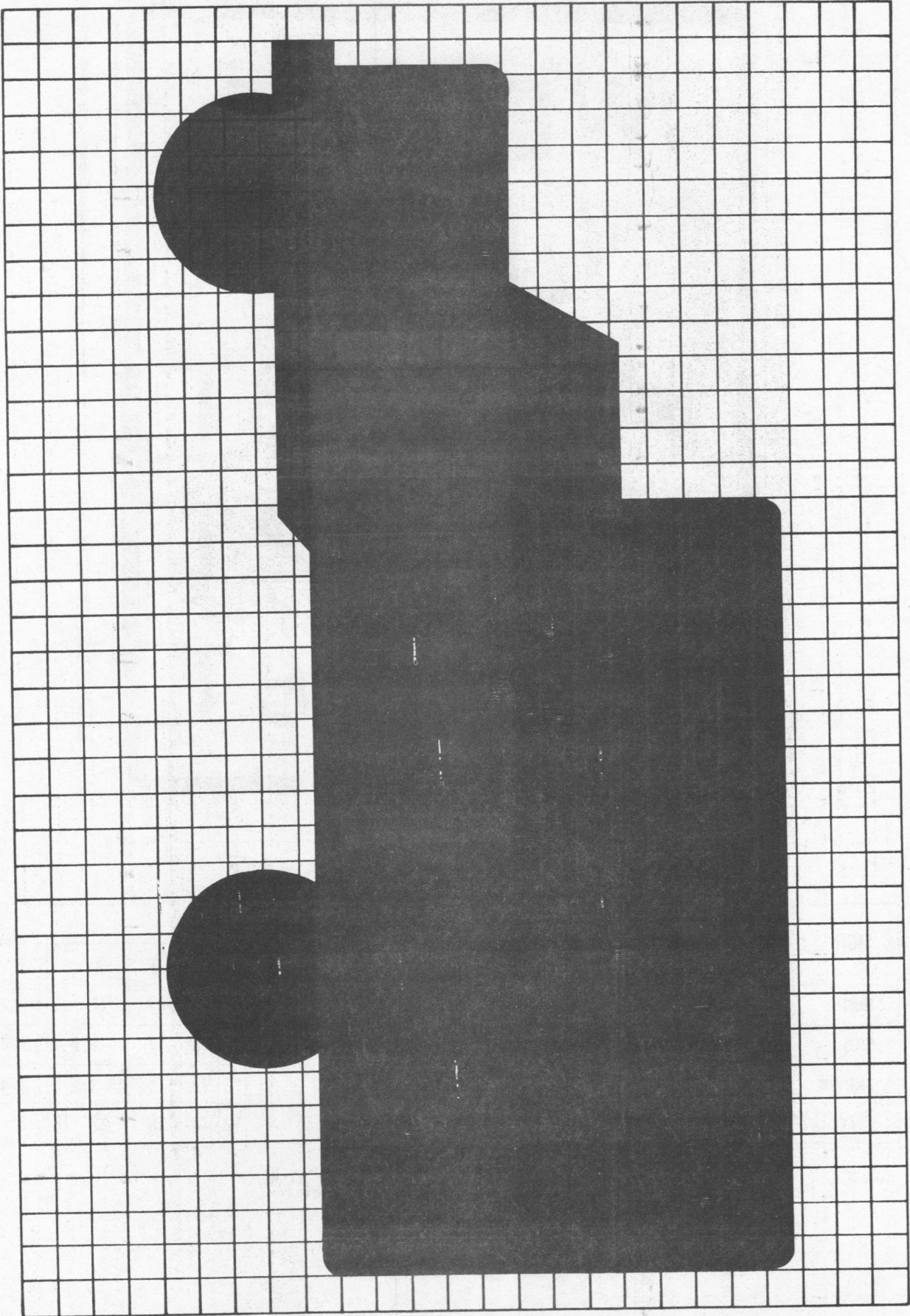
COLORS

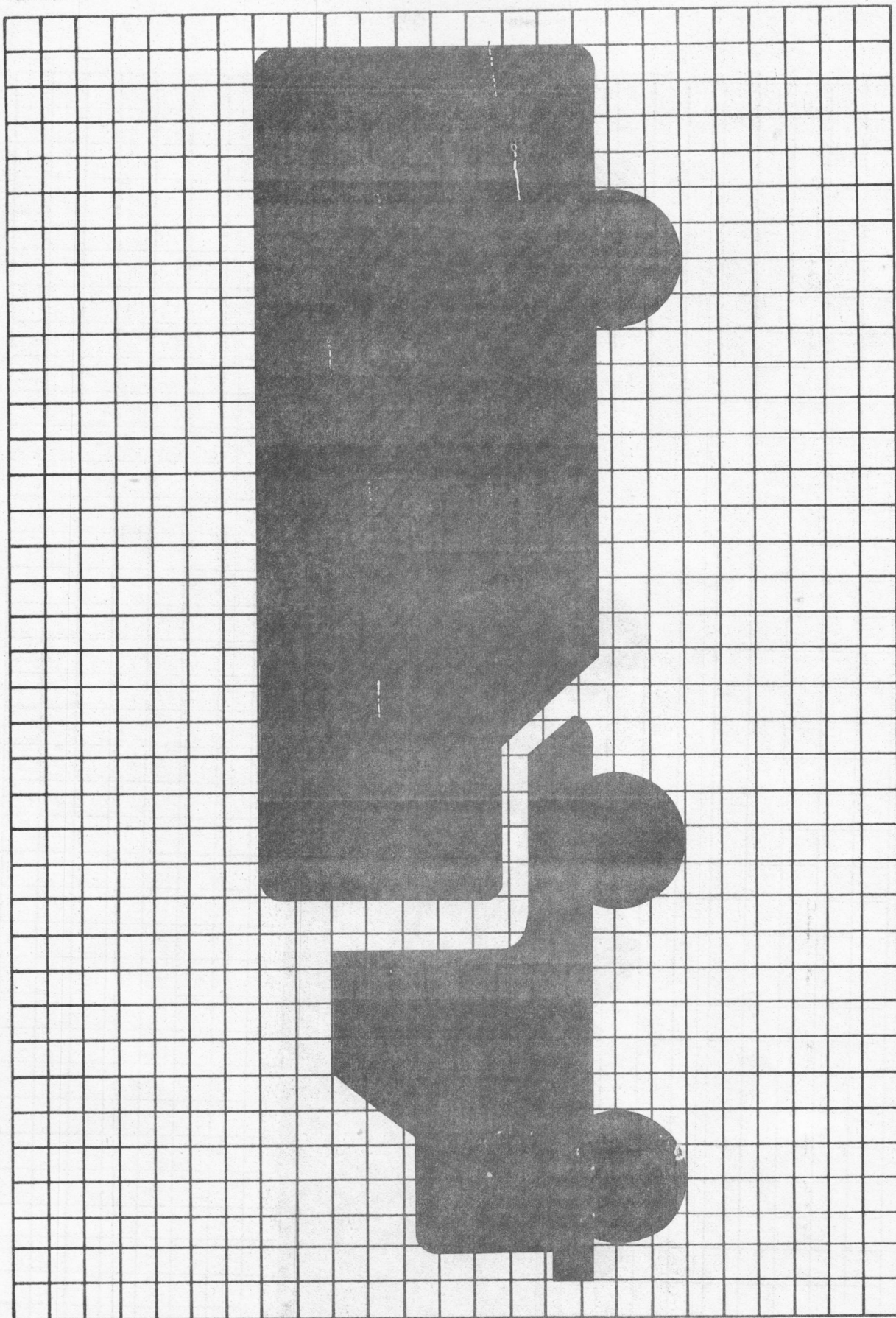
LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



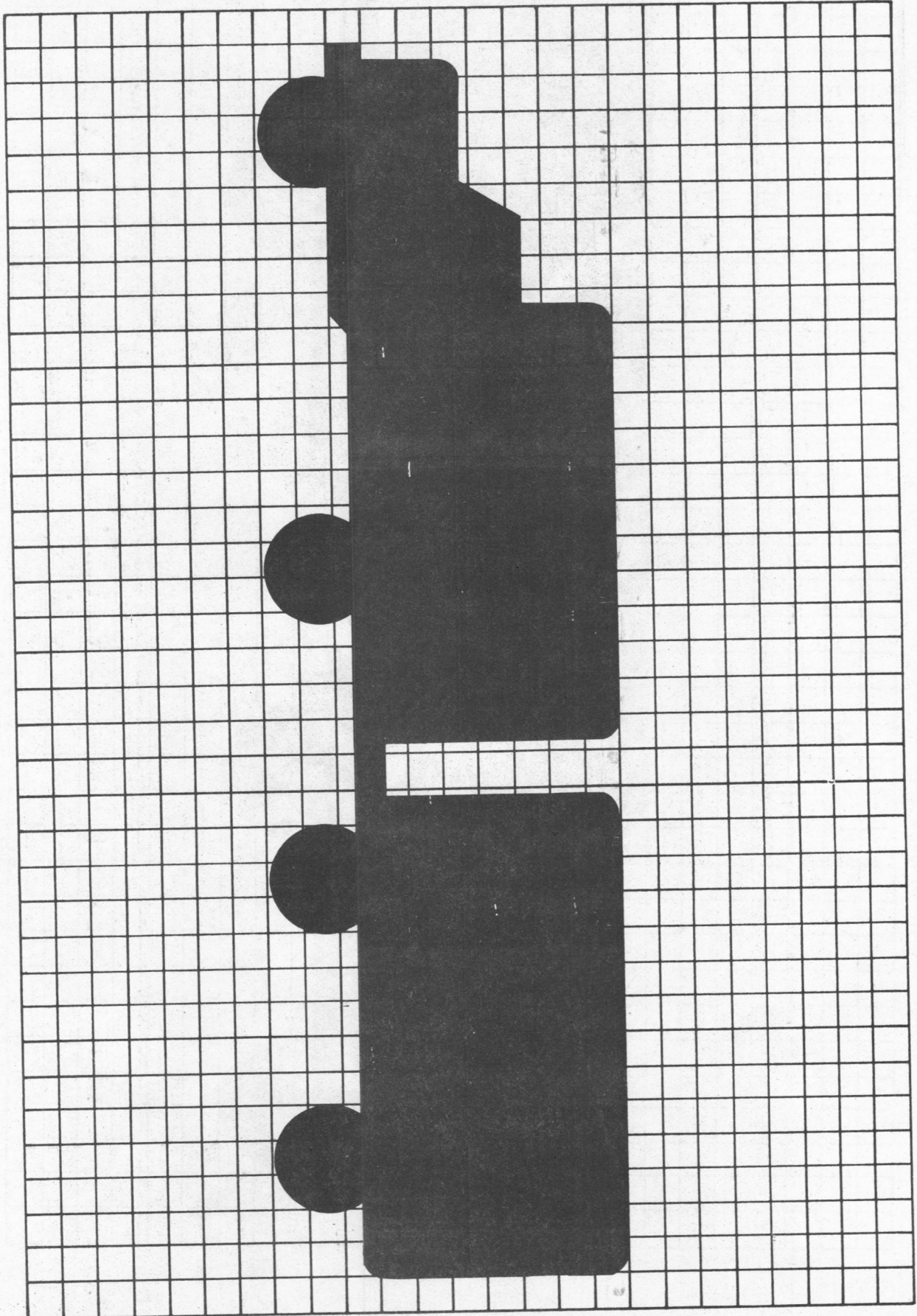
SIGN	DIMENSIONS (INCHES)																	
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T
MIN	24	30	3/8	5/8	3	3E	2-1/4	3D	7-7/8	8-3/8	5-3/4	2-1/2	6	Var	9-1/2	11	3	1-1/2
STD	30	36	1/2	3/4	3-1/2	4E	2-1/4	4D	10-1/2	11-1/8	7-3/8	2-3/4	8	Var	12	14-5/8	4	1-7/8
EXPWY	36	48	5/8	7/8	5	5E	3-1/4	5D	13-1/8	14	9-1/8	3	10	Var	15	18-3/8	5	2-1/4
FWY	48	60	3/4	1-1/4	6	6E	4-1/2	6D	15-3/4	16-3/4	11-1/2	5	12	Var	18	22	6	3

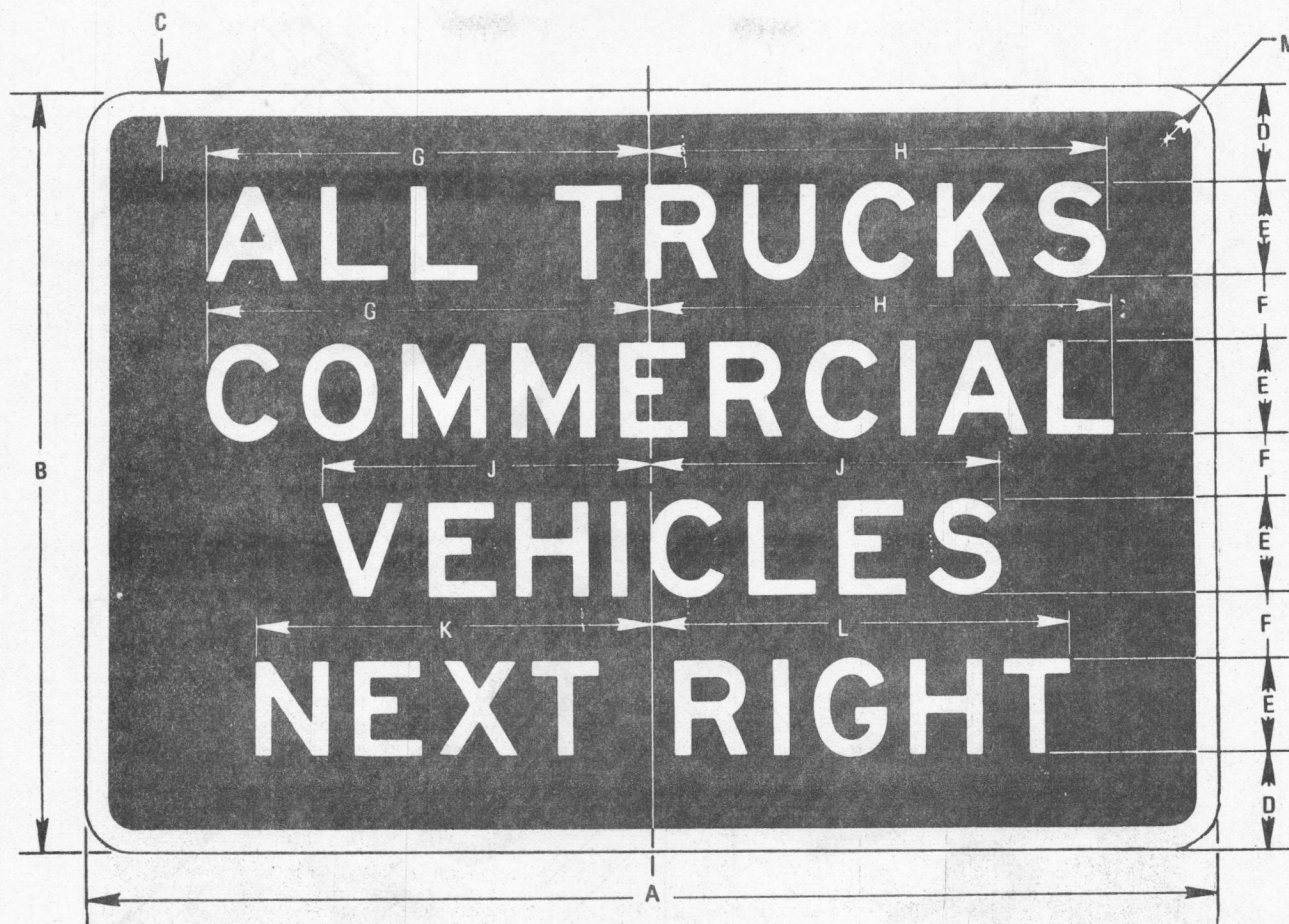
COLORS
 LEGEND — BLACK (NON-REFL)
 BACKGROUND — WHITE (REFL)
 62a





62c





R13-1

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
STD.	72	48	1-1/2	6	6E	4	28-1/2	29-7/8	21-3/4	26-1/2	27-1/2	3
EXPWY.	96	66	2	8	8E	6	38	39-3/4	28-7/8	35-1/4	36-3/4	4
FWY.	120	84	2	10	10E	8	47-1/2	49-5/8	36-1/8	44	46	5

COLORS

LEGEND WHITE (REFL)
BACKGROUND - BLACK (NON REFL)

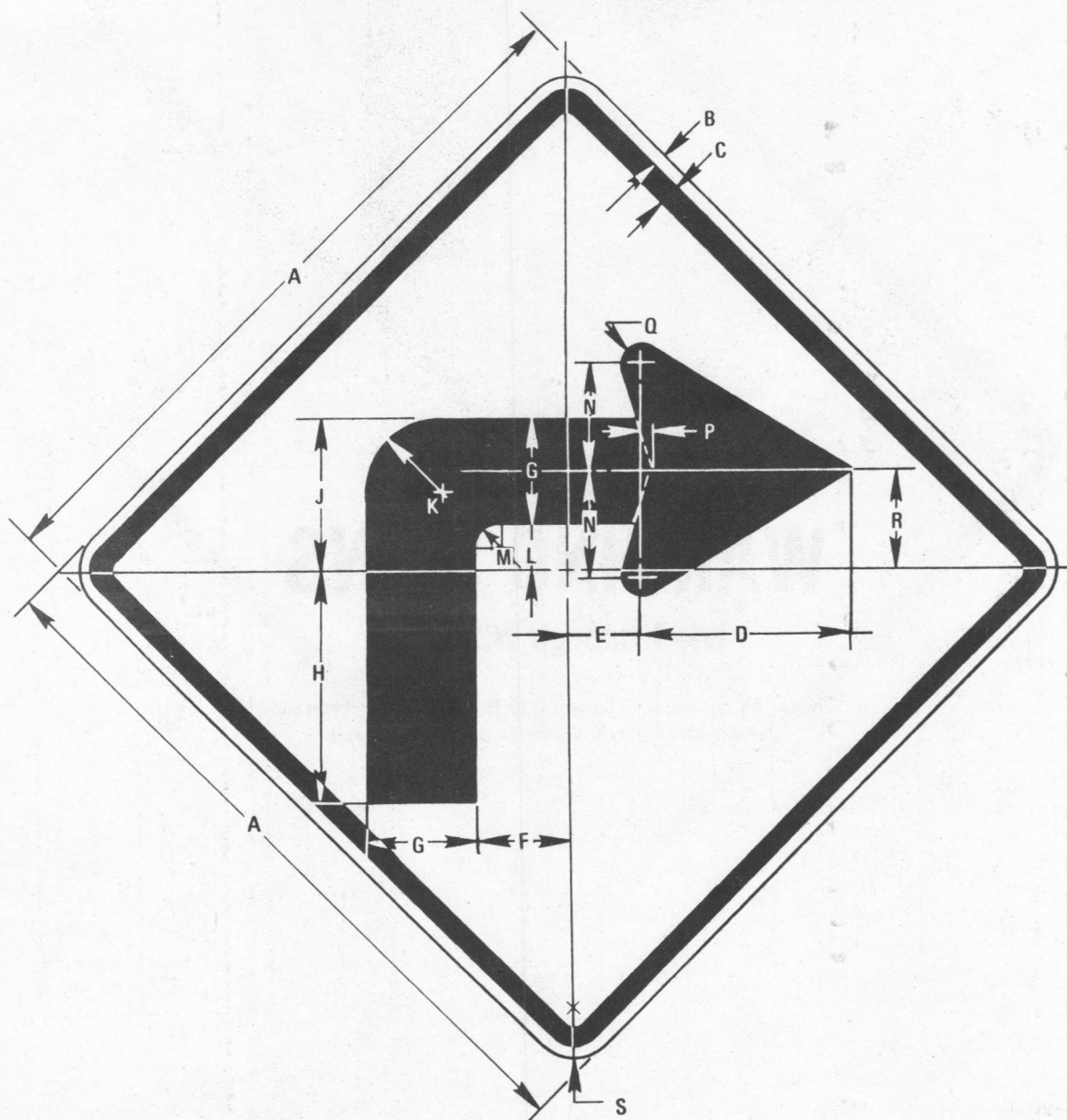


64

WARNING SIGNS

W1-1 through W22-3

Note: All warning signs (except W10-1) used in construction and maintenance areas shall have an orange background.

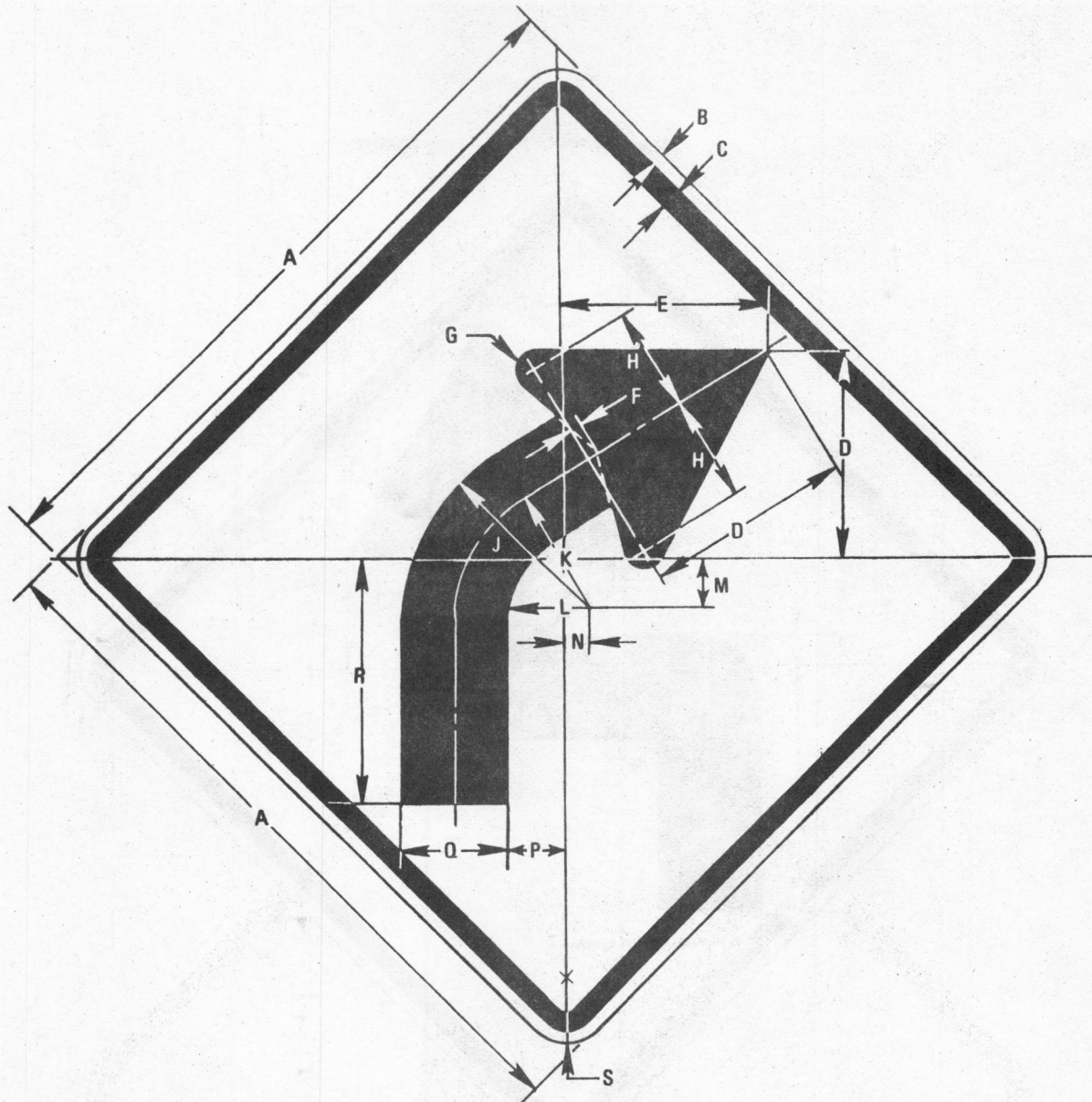


W1-1R

SIGN	DIMENSIONS (INCHES)																
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
MIN.	24	3/8	5/8	7-1/8	2-1/2	3	3-1/2	7-3/4	5	2-1/2	1-1/2	13/16	4	9/16	11/16	3-1/4	1-1/2
STD.	30	1/2	3/4	8-7/8	3-1/8	3-3/4	4-3/8	9-11/16	6-1/4	3	1-7/8	1	5	11/16	7/8	4-1/16	1-7/8
EXPWY.	36	5/8	7/8	10-5/8	3-3/4	4-1/2	5-1/4	11-5/8	7-1/2	3-5/8	2-1/4	1-1/4	6	13/16	1-1/16	4-7/8	2-1/4
SPECIAL	48	3/4	1-1/4	14-3/16	5	6	7	15-1/2	10	4-7/8	3	1-5/8	8	1-1/16	1-3/8	6-1/2	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)

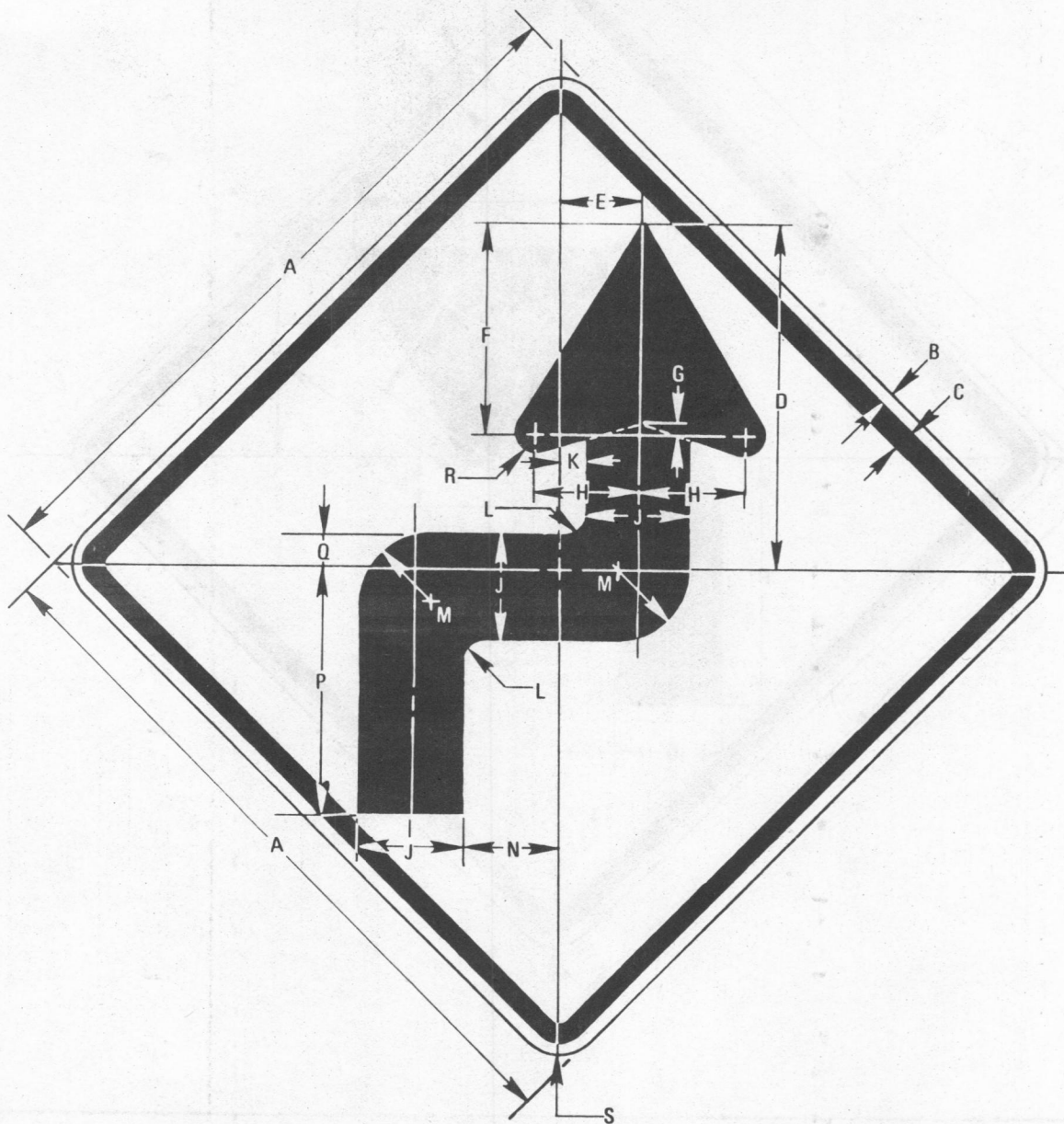


W1-2R

SIGN	DIMENSIONS (INCHES)																
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
MIN.	24	3/8	5/8	7-1/8	7-1/4	9/16	11/16	4	8	6-1/4	4-1/2	2-11/32	1-3/4	2-3/4	3-1/2	8-1/4	1-1/2
STD.	30	1/2	3/4	8-7/8	9-1/16	11/16	7/8	5	10	7-13/16	5-5/8	2-15/16	2-3/16	3-7/16	4-3/8	10-5/16	1-7/8
EXPWY.	36	5/8	7/8	10-5/8	10-7/8	13/16	1-1/16	6	12	9-3/8	6-3/4	3-1/2	2-5/8	4-1/8	5-1/4	12-3/8	2-1/4
FWY.	48	3/4	1-1/4	14-3/16	14-1/2	1-1/16	1-3/8	8	16	12-1/2	9	4-11/16	3-1/2	5-1/2	7	16-1/2	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)

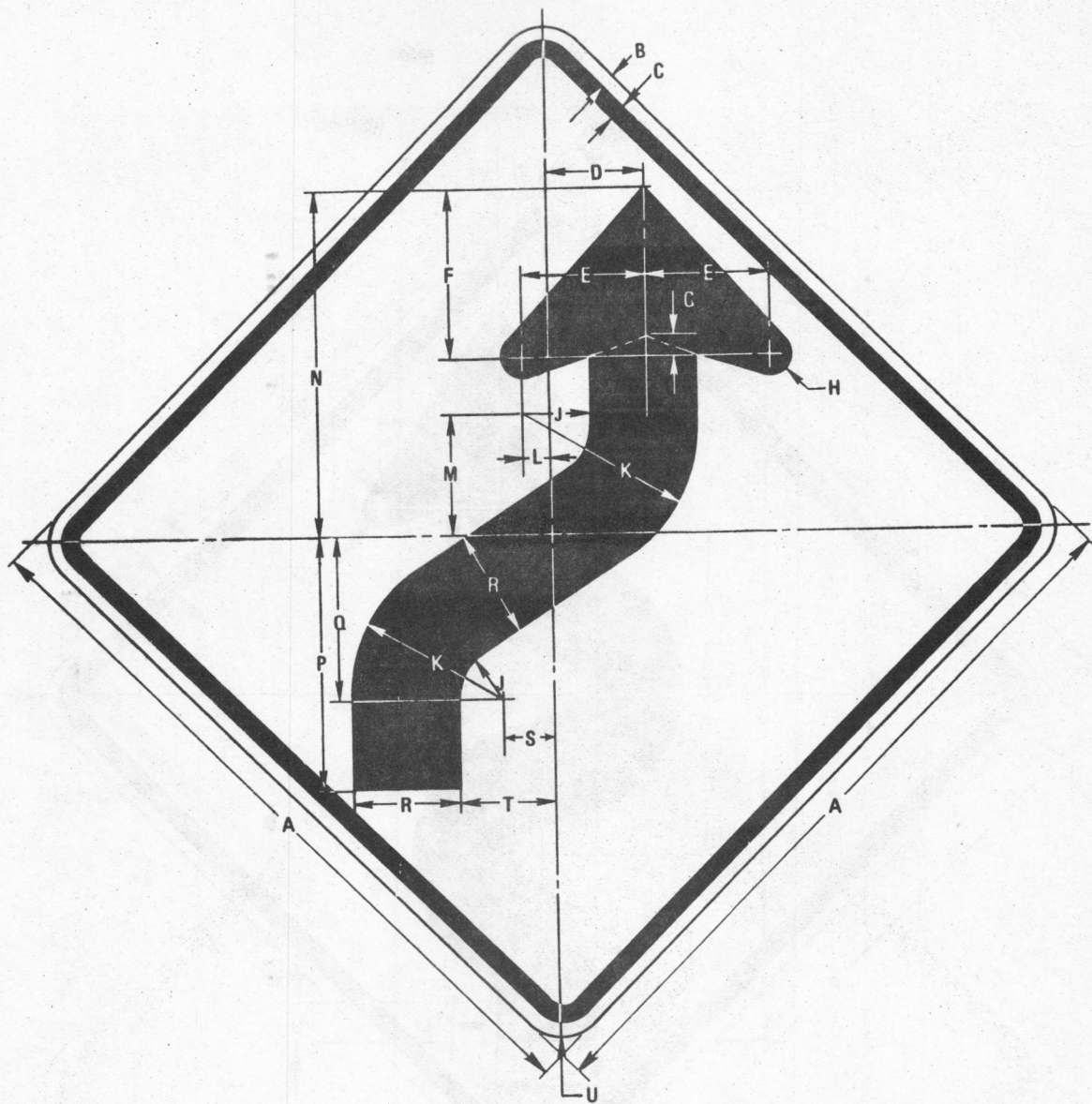


W1-3R

SIGN	DIMENSIONS (INCHES)																
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
MIN.	24	3/8	5/8	11-19/32	2-13/16	7-1/8	9/16	4	3-1/2	1-1/16	13/16	2-1/2	3	8-5/16	1-3/32	11/16	1-1/2
STD.	30	1/2	3/4	14-1/2	3-1/2	8-7/8	11/16	5	4-3/8	1-5/16	1	3	3-3/4	10-3/8	1-3/8	7/8	1-7/8
EXPWY.	36	5/8	7/8	17-7/16	4-7/32	10-5/8	13/16	6	5-1/4	1-9/16	1-1/4	3-5/8	4-1/2	12-15/32	1-21/32	1-1/16	2-1/4
SPECIAL	48	3/4	1-1/4	23-3/16	5-5/8	14-3/16	1-1/16	8	7	2-1/8	1-5/8	4-7/8	6	16-5/8	2-3/16	1-3/8	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)

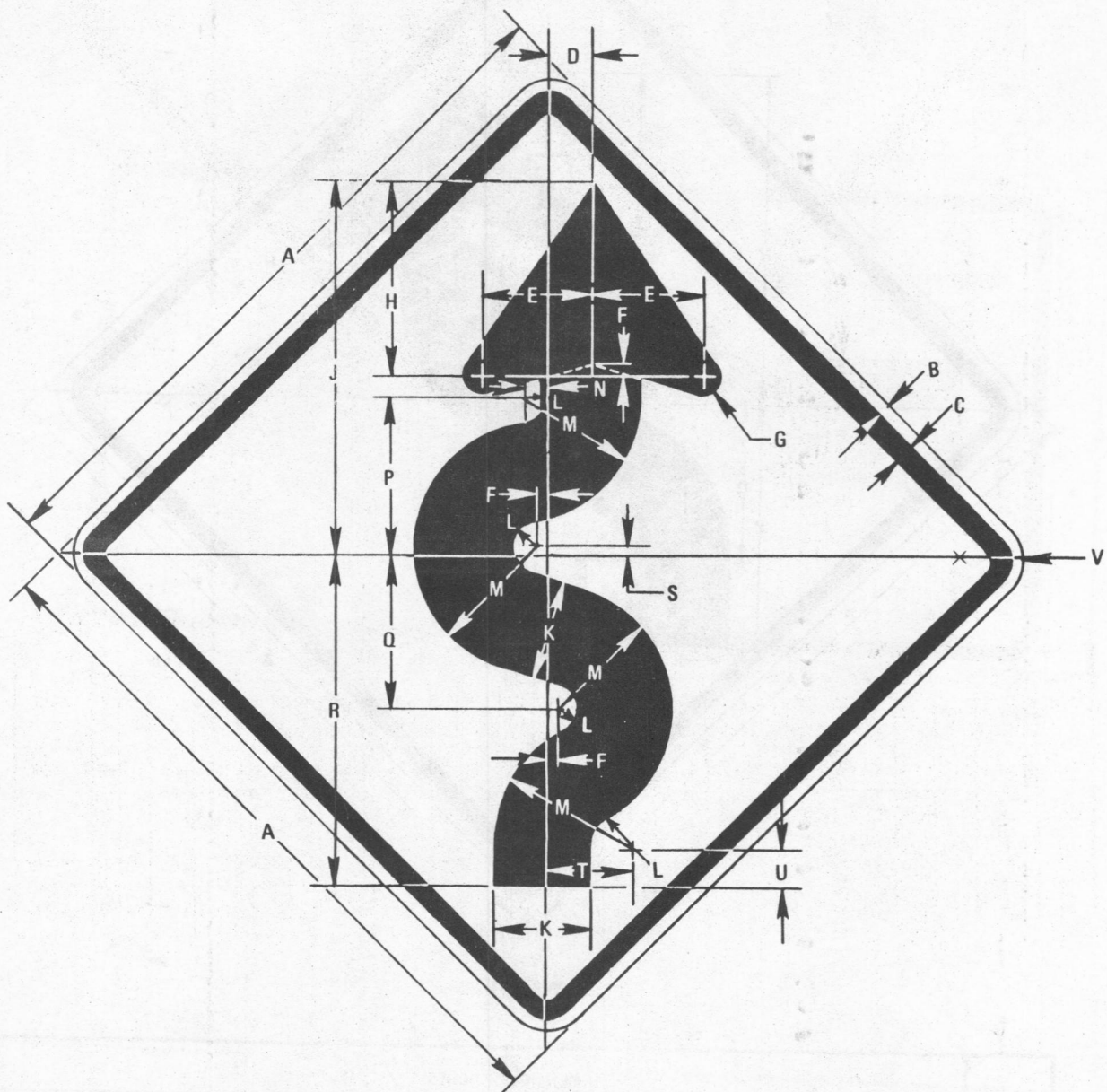


W1-4R

SIGN	DIMENSIONS (INCHES)																		
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U
MIN.	24	3/8	5/8	3-5/32	4	7-1/8	9/16	11/16	1-1/2	5	5/16	3-1/2	11-1/4	8-1/4	5-1/4	3-1/2	1-1/8	2-5/8	1-1/2
STD.	30	1/2	3/4	3-15/16	5	8-7/8	11/16	7/8	1-7/8	6-1/4	3/8	4-3/8	14-1/16	10-5/16	6-9/16	4-3/8	1-13/32	3-9/32	1-7/8
EXPWY.	36	5/8	7/8	4-23/32	6	10-5/8	13/16	1-1/16	2-1/4	7-1/2	15/32	5-1/4	16-7/8	12-3/8	7-7/8	5-1/4	1-11/16	3-15/16	2-1/4
SPECIAL	48	3/4	1-1/4	6-5/16	8	14-3/16	1-1/16	1-3/8	3	10	5/8	7	22-1/2	16-1/2	10-1/2	7	2-1/4	5-1/4	3

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - YELLOW (REFL)



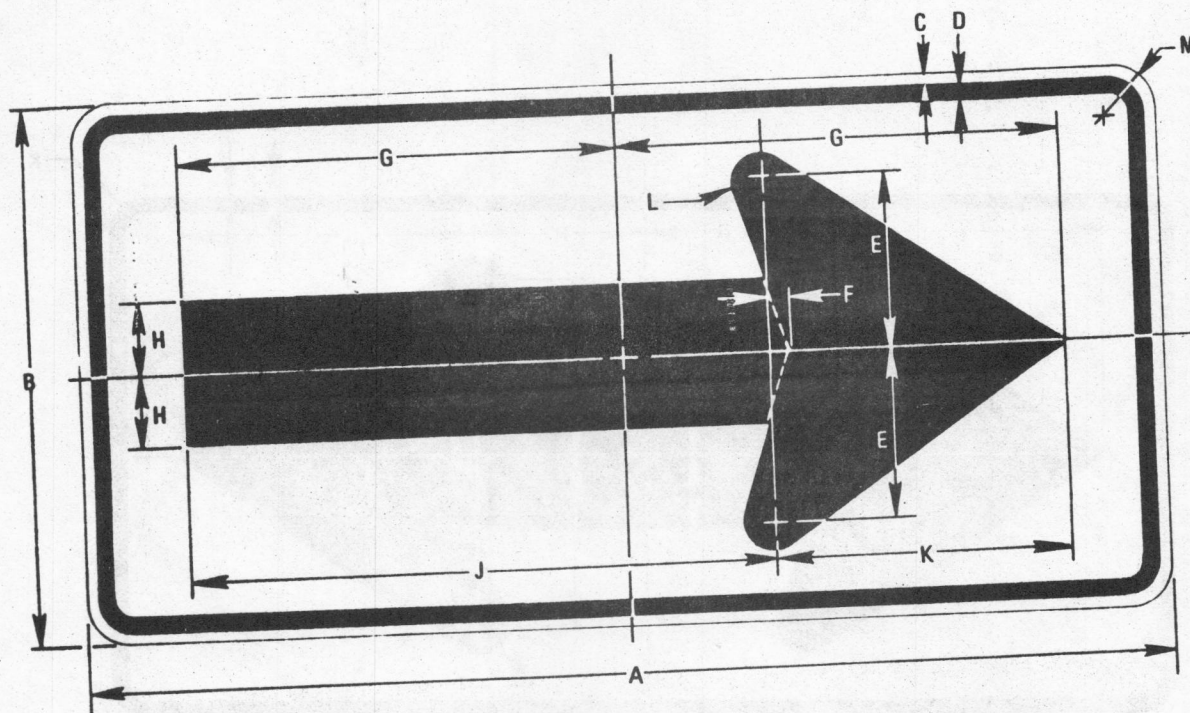
W1-5R

SIGN	DIMENSIONS (INCHES)																			
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V
MIN.	24	3/8	5/8	1-1/4	3-3/4	1/2	5/8	6-5/8	12-3/4	3-1/4	7/8	4-1/8	1-1/4	5-3/16	5-1/4	11-3/8	1/4	2-1/2	1-19/32	1-1/2
STD.	30	1/2	3/4	1-9/16	4-3/4	5/8	13/16	8-1/4	15-15/16	4-1/16	1-3/32	5-5/32	1-9/16	6-31/64	6-9/16	14-7/32	5/16	3-1/8	2	1-7/8
EXPWY.	36	5/8	7/8	1-7/8	5-5/8	3/4	1	9-7/8	19-1/8	4-7/8	1-5/16	6-3/16	1-7/8	7-25/32	7-7/8	17-1/16	3/8	3-3/4	2-13/32	2-1/4
SPECIAL	48	3/4	1-1/4	2-1/2	7-1/2	1	1-5/16	13-3/16	25-1/2	6-1/2	1-3/4	8-1/4	2-1/2	10-3/8	10-1/2	22-3/4	1/2	5	3-3/16	3

COLORS

LEGEND — BLACK (NON-REFL)

BACKGROUND — YELLOW (REFL)

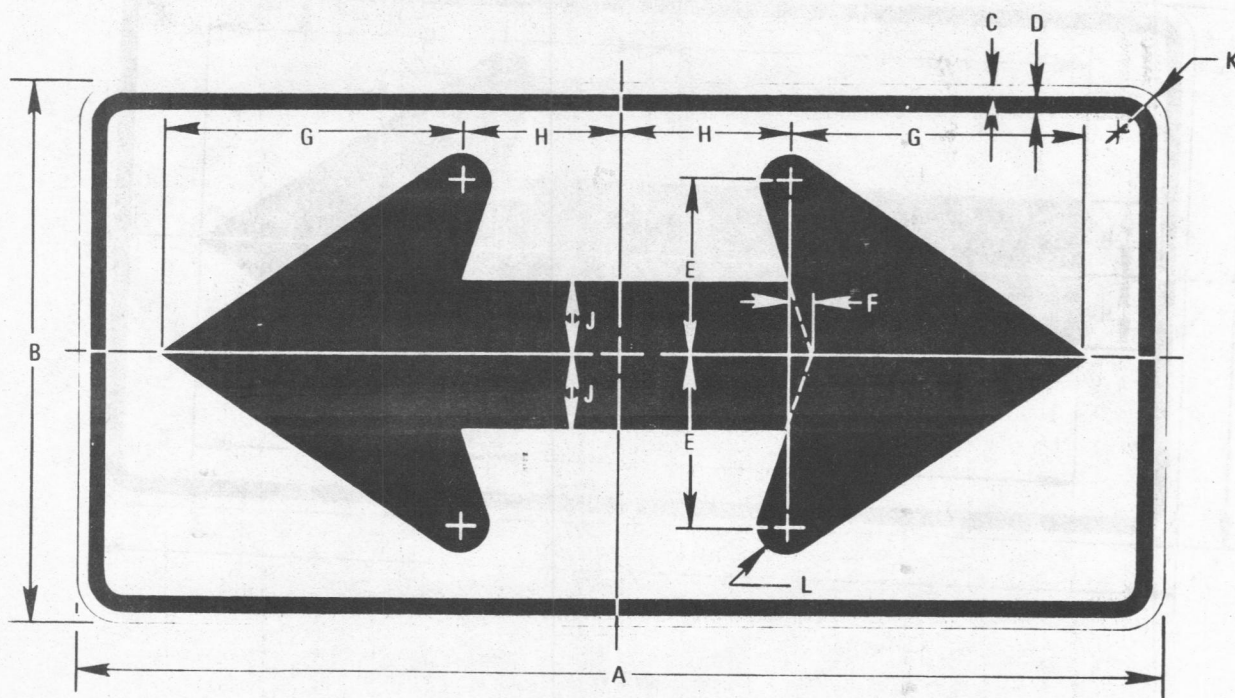


W1-6

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
MIN.	36	18	3/8	5/8	5-3/4	3/4	14-5/8	2-1/2	19-1/8	10-1/8	1	1-1/2
STD.	48	24	1/2	3/4	7-1/2	1	19-1/2	3-1/4	25-13/16	13-3/16	1-5/16	1-7/8
SPECIAL	60	30	5/8	7/8	9-3/16	1-1/4	24-3/8	4	32-1/2	16-1/4	1-5/8	2-1/4

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — YELLOW (REFL)

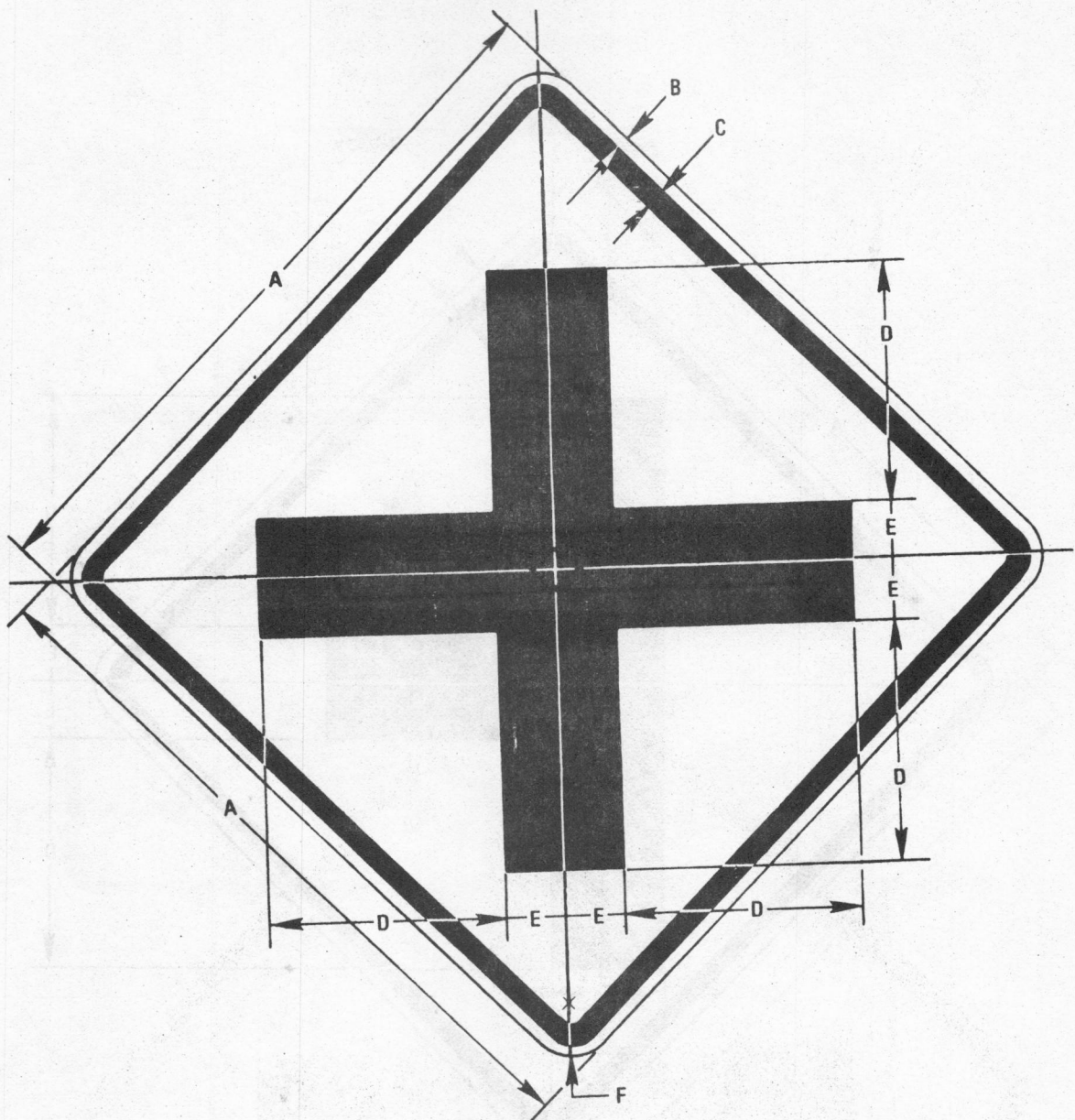


W1-7

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	36	18	3/8	5/8	5-3/4	3/4	10-1/8	5-1/2	2-1/2	1-1/2	1
STD.	48	24	1/2	3/4	7-1/2	1	13-3/16	7-5/16	3-1/4	1-7/8	1-5/16
SPECIAL	60	30	5/8	7/8	9-3/16	1-1/4	16-1/4	9-1/8	4	2-1/4	1-5/8

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - YELLOW (REFL)

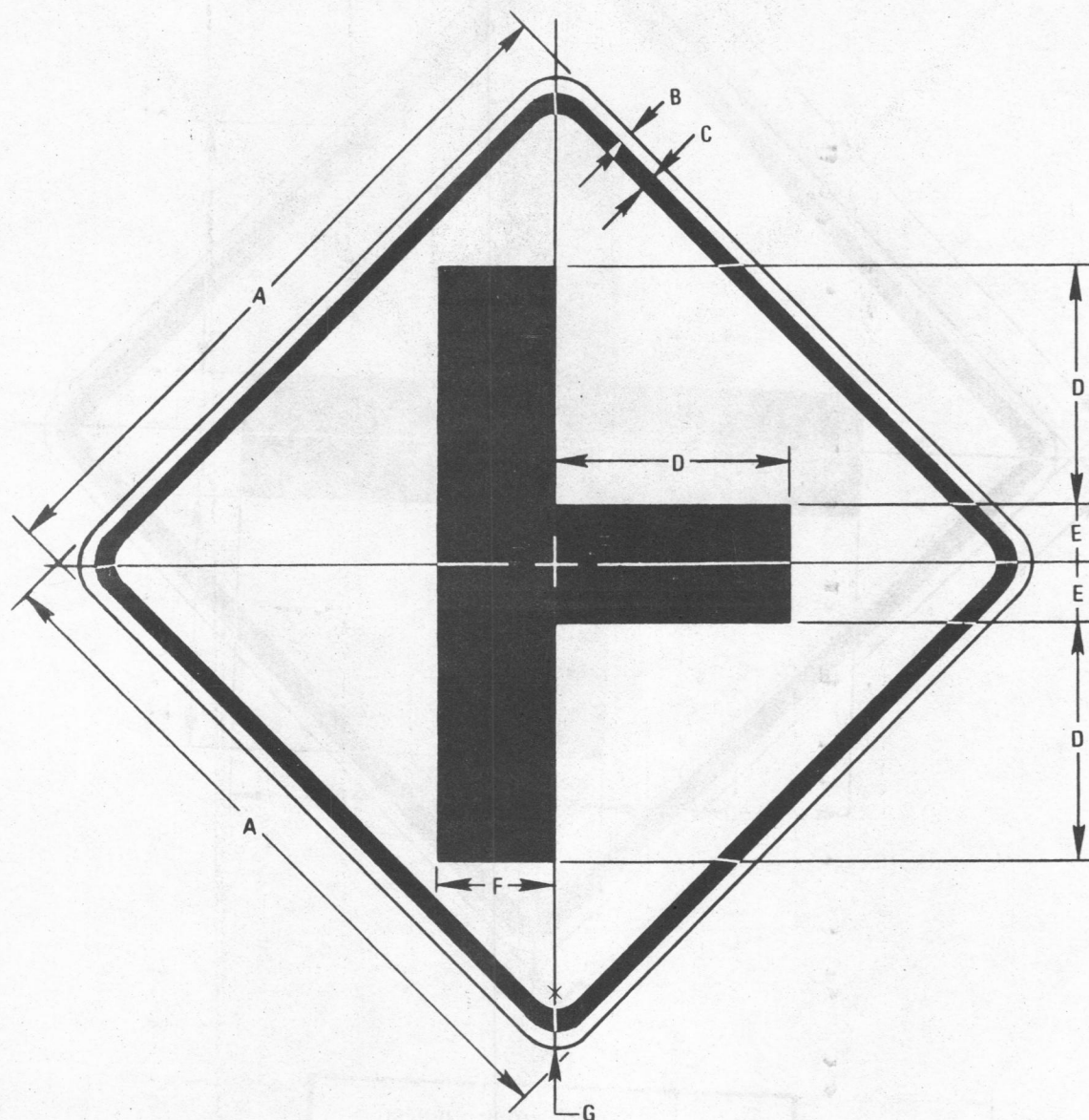


W2-1

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
MIN.	24	3/8	5/8	8	2	1-1/2
STD.	30	1/2	3/4	10	2-1/2	1-7/8
EXPWY.	36	5/8	7/8	12	3	2-1/4
SPECIAL	48	3/4	1-1/4	16	4	3

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — YELLOW (REFL)

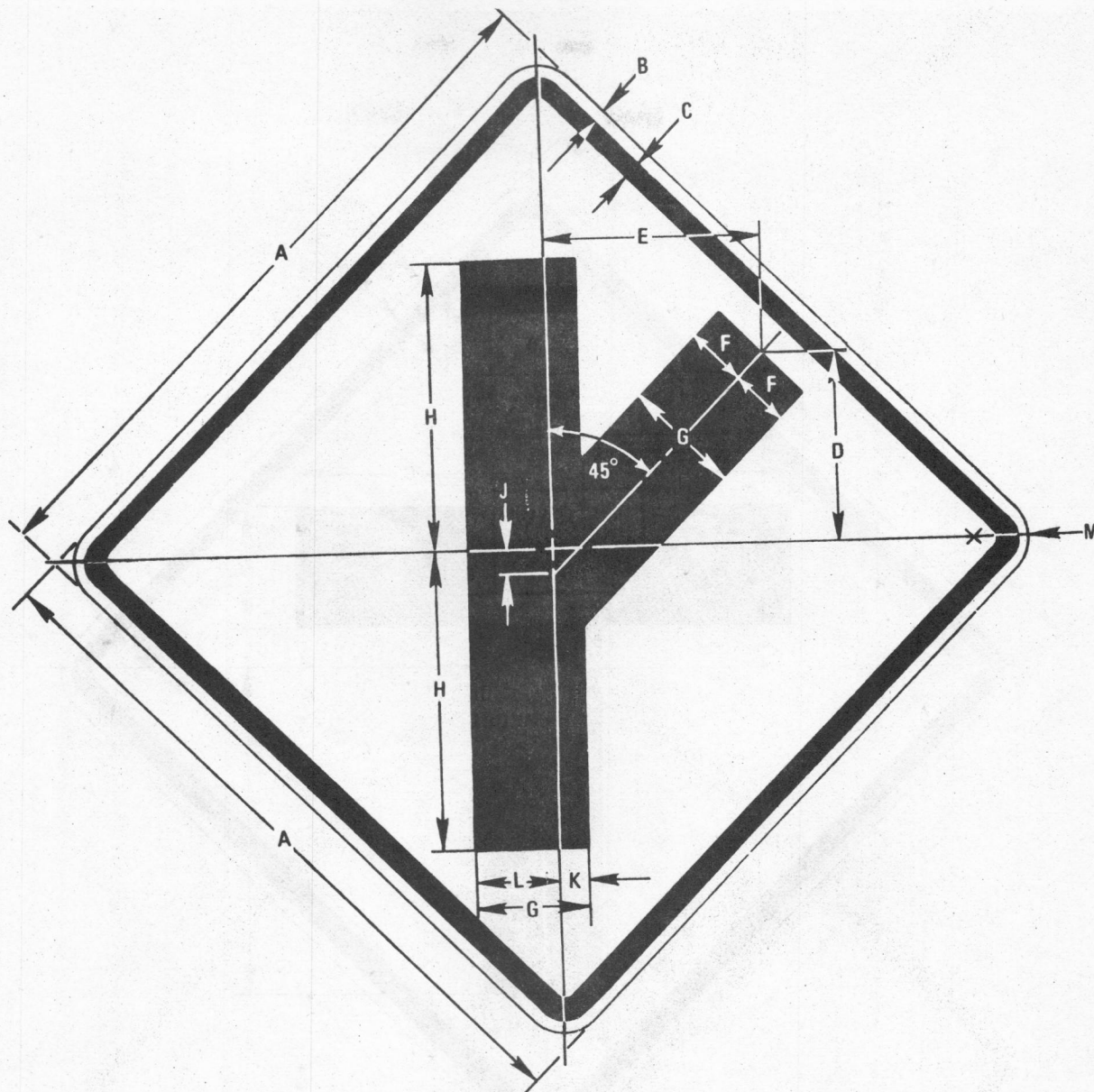


W2-2

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
MIN.	24	3/8	5/8	8	2	4	1-1/2
STD.	30	1/2	3/4	10	2-1/2	5	1-7/8
EXPWY.	36	5/8	7/8	12	3	6	2-1/4
SPECIAL	48	3/4	1-1/4	16	4	8	3

COLORS

LEGEND BLACK (NON REFL)
 BACKGROUND YELLOW (REFL)

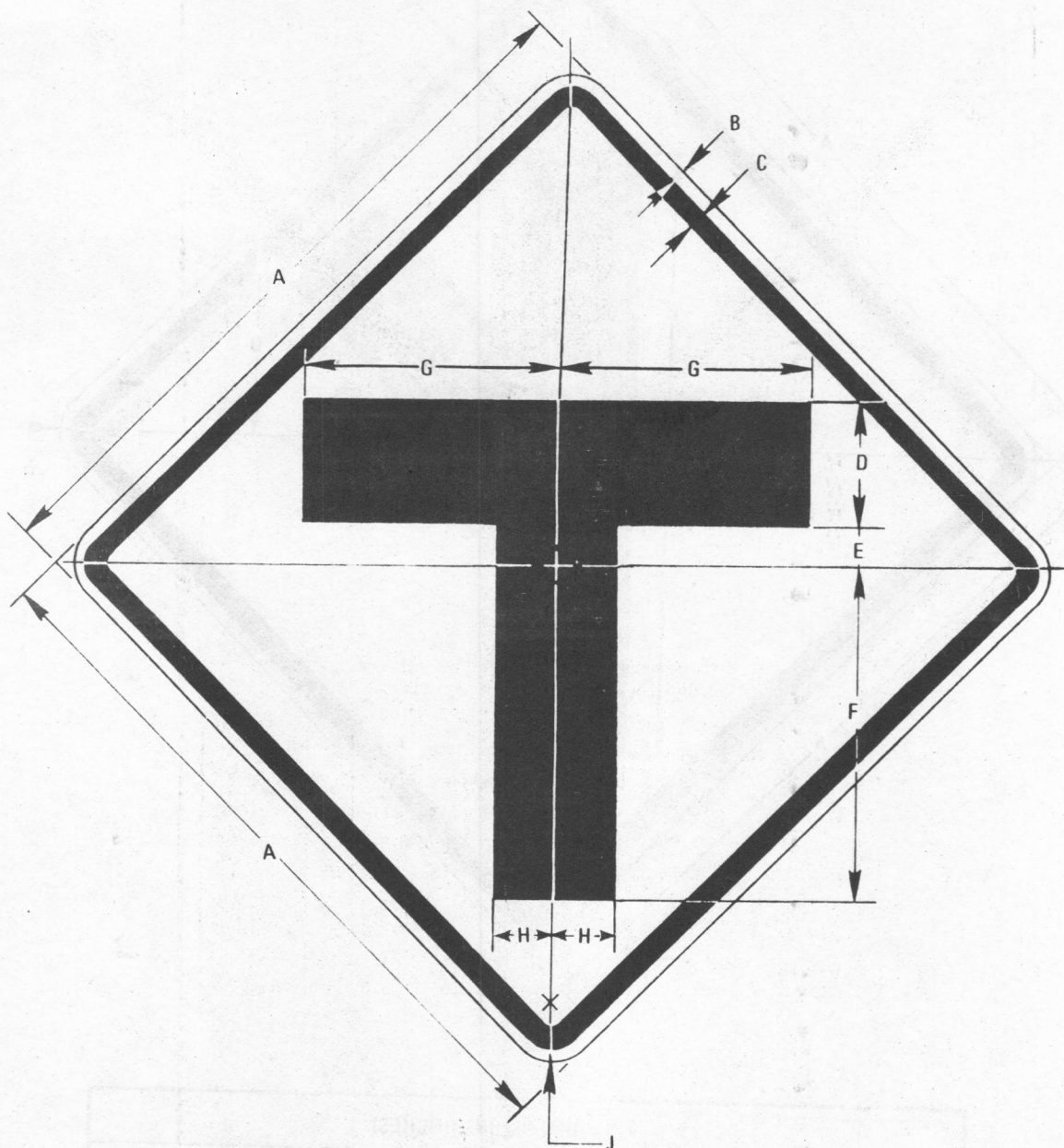


W2-3

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
MIN.	24	3/8	5/8	6-21/32	7-7/32	2	4	10	9/16	1	3	1-1/2
STD.	30	1/2	3/4	8-5/16	9	2-1/2	5	12-1/2	11/16	1-1/4	3-3/4	1-7/8
EXPWY.	36	5/8	7/8	10	10-27/32	3	6	15	27/32	1-1/2	4-1/2	2-1/4
SPECIAL	48	3/4	1-1/4	13-5/16	14-7/16	4	8	20	1-1/8	2	6	3

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — YELLOW (REFL)

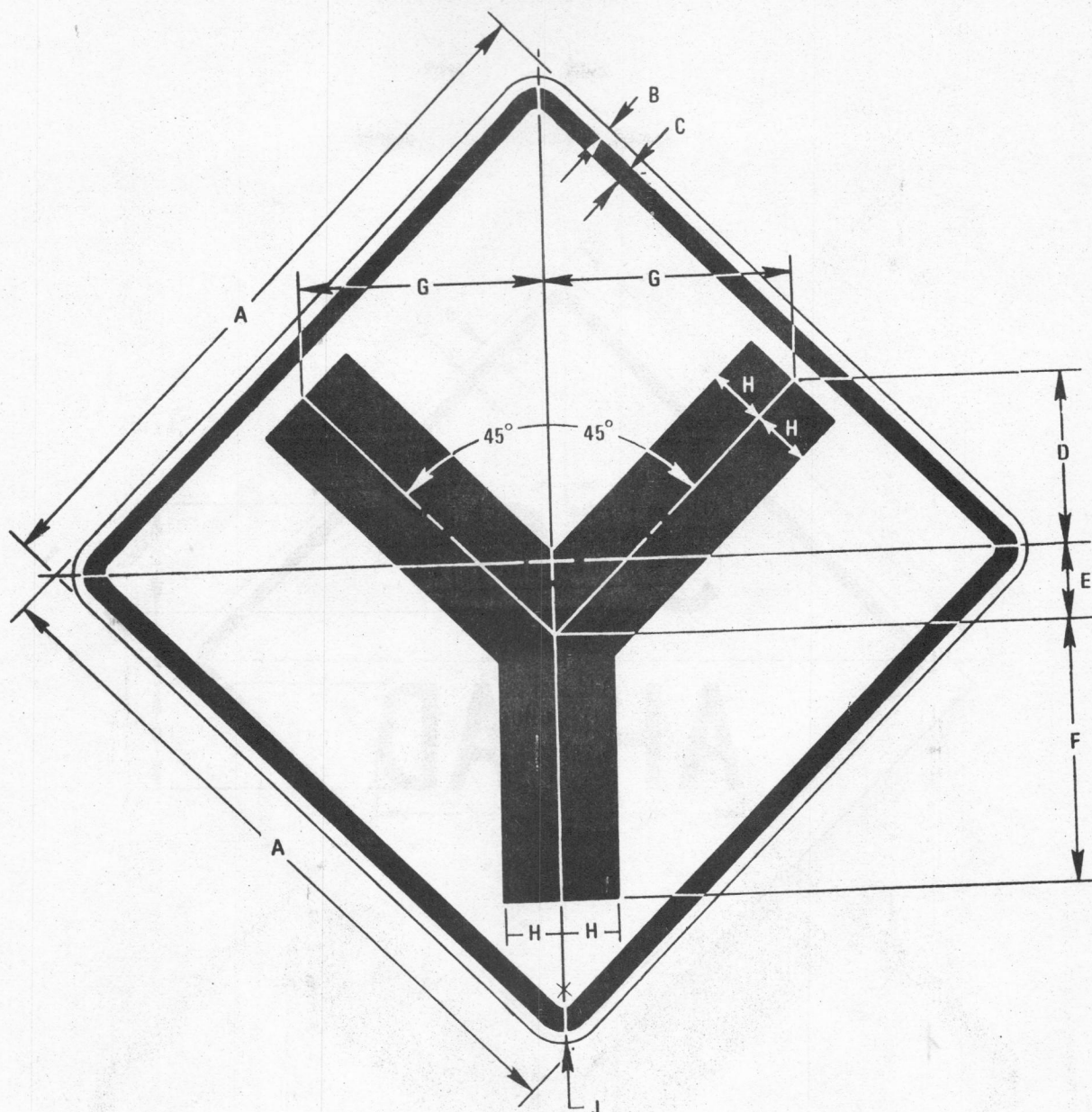


W2-4

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MIN.	24	3/8	5/8	4	1-1/2	11	8-1/2	2	1-1/2
STD.	30	1/2	3/4	5	1-7/8	13-3/4	10-5/8	2-1/2	1-7/8
SPECIAL	36	5/8	7/8	6	2-1/4	16-1/2	12-3/4	3	2-1/4
SPECIAL	48	3/4	1-1/4	8	3	22	17	4	3

COLORS

LEGEND — BLACK (NON REFL.)
 BACKGROUND YELLOW (REFL.)

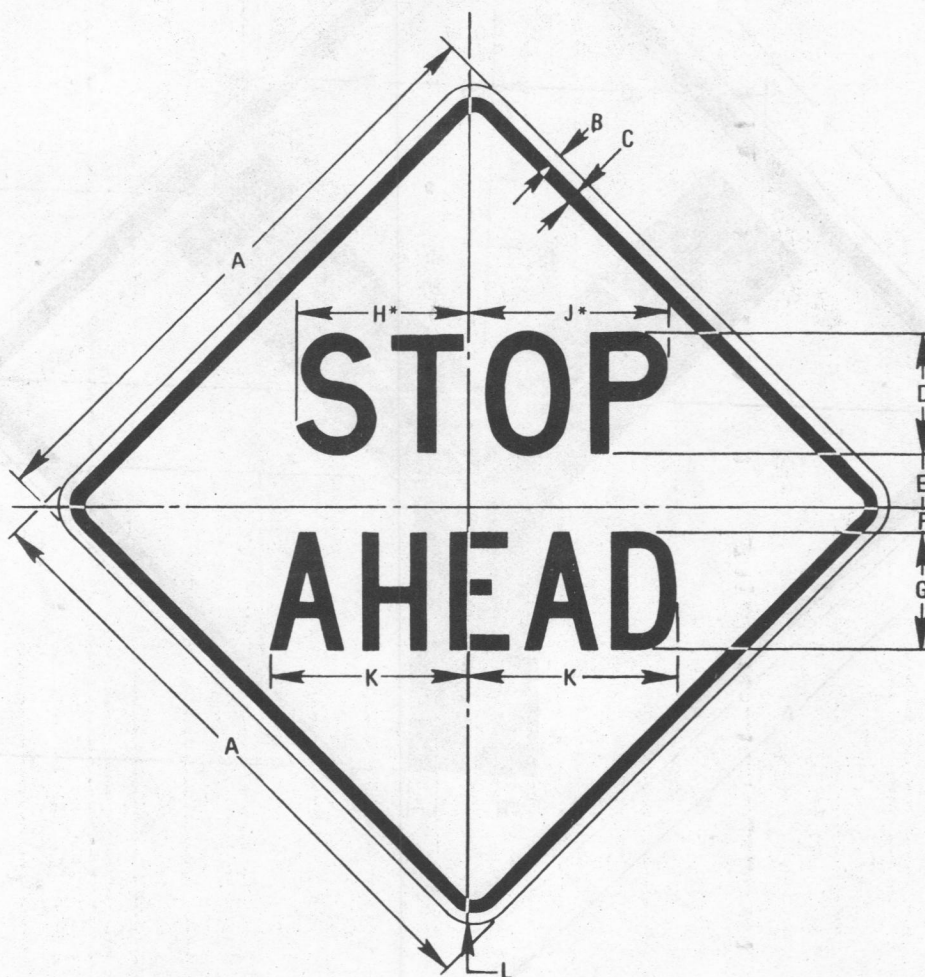


W2-5

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MIN.	24	3/8	5/8	5-29/32	2-13/32	9-3/32	8-1/4	2	1-1/2
STD.	30	1/2	3/4	7-3/8	3	11-3/8	10-5/16	2-1/2	1-7/8
SPECIAL	36	5/8	7/8	8-27/32	3-19/32	13-21/32	12-3/8	3	2-1/4
SPECIAL	48	3/4	1-1/4	11-13/16	4-13/16	18-3/16	16-1/2	4	3

COLORS

LEGEND - BLACK (NON-REFL)
 BACKGROUND - YELLOW (REFL)



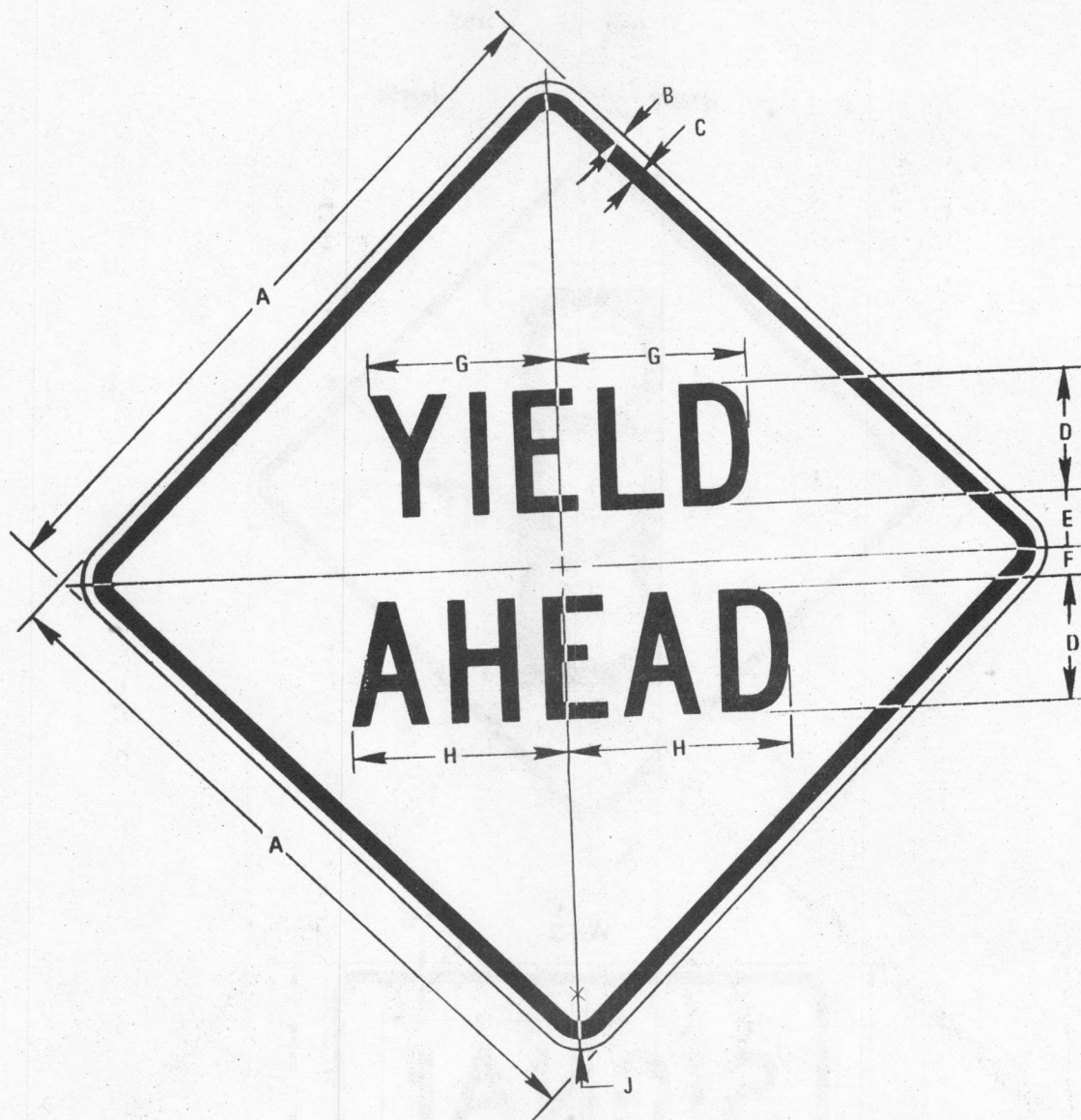
W3-1

*Reduce spacing 20%

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	30	1/2	3/4	6D	2-1/2	1-1/4	6C	9	9-7/8	10-1/2	1-7/8
STD.	36	5/8	7/8	7D	3	1-1/2	7C	10-1/2	11-9/16	12-1/4	2-1/4
SPECIAL	48	3/4	1-1/4	9D	4	2	9C	13-1/2	14-13/16	15-3/4	3

COLORS

LEGEND BLACK (NON-REFL)
BACKGROUND - YELLOW (REFL)

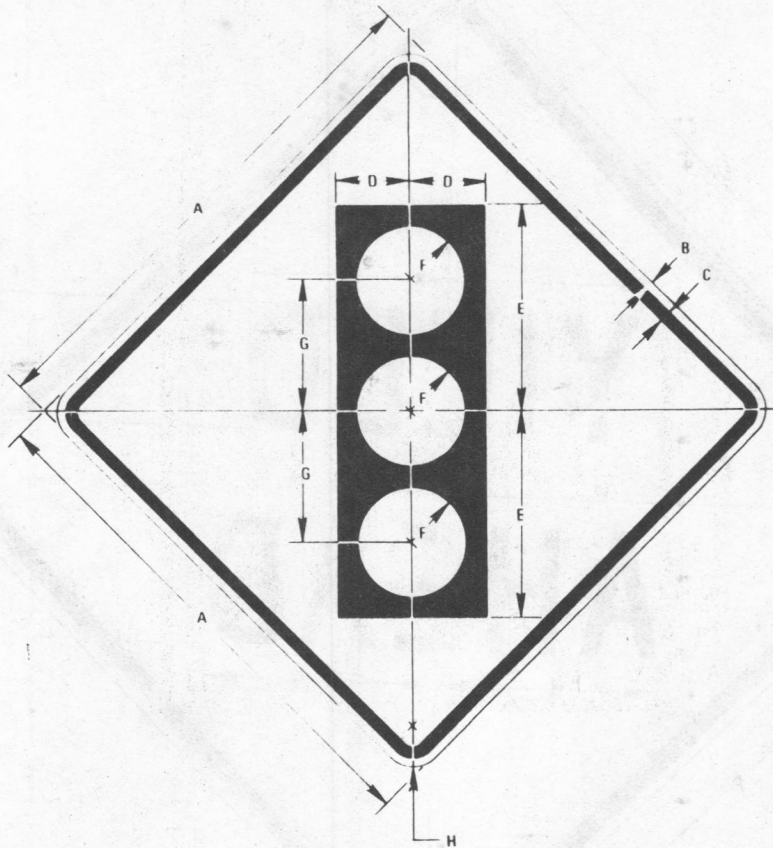


W3-2

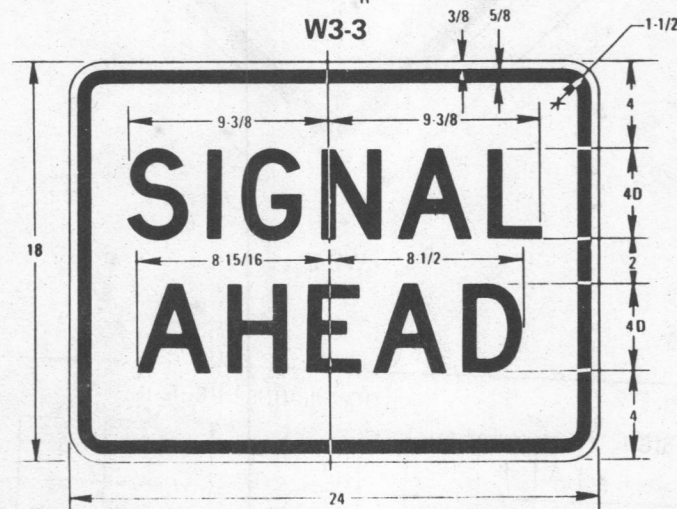
SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MIN.	30	1/2	3/4	6C	2-1/2	1-1/4	9-1/8	10-1/2	1-7/8
STD.	36	5/8	7/8	7C	3	1-1/2	10-11/16	12-1/4	2-1/4
SPECIAL	48	3/4	1-1/4	9C	4	2	13-3/4	15-3/4	3

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — YELLOW (REFL)



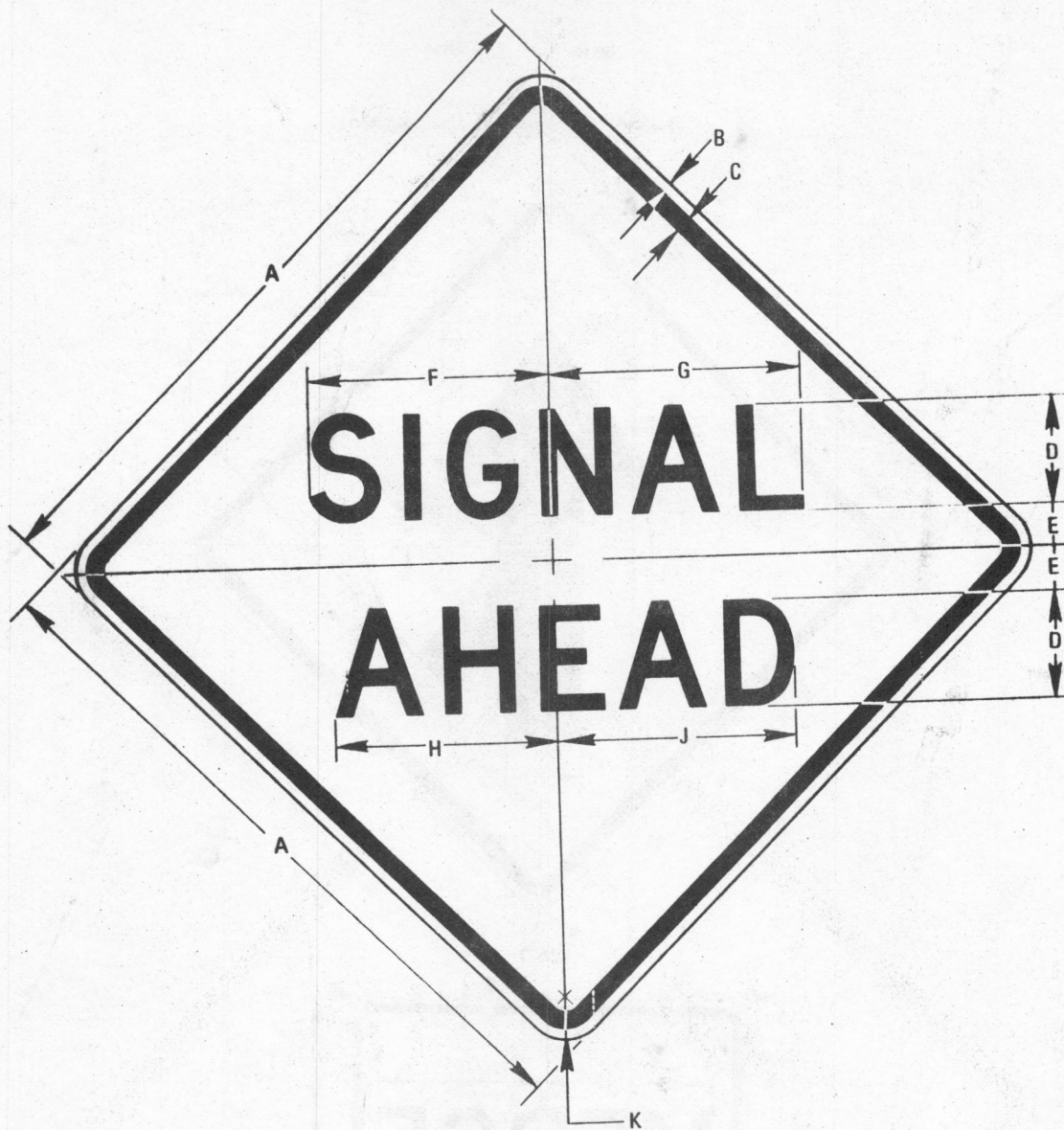
W3-3



SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN.	30	1/4	3/4	5	13-3/4	3-3/4	8-3/4	1-7/8
STD. & EXPWY.	36	5/8	7/8	5-3/4	15-3/4	4-1/4	10	2-1/4
SPECIAL	48	3/4	1-1/4	7-1/2	20	5	12-1/2	3

COLORS

SYMBOL & LEGEND - BLACK (NON-REFL)
 TOP CIRCLE - RED (REFL)
 BOTTOM CIRCLE - GREEN (REFL)
 BACKGROUND - YELLOW (REFL)

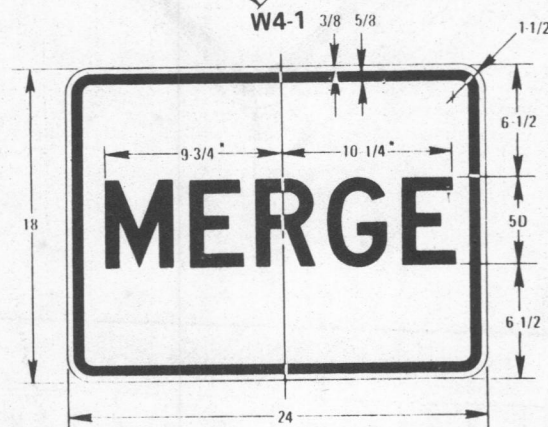
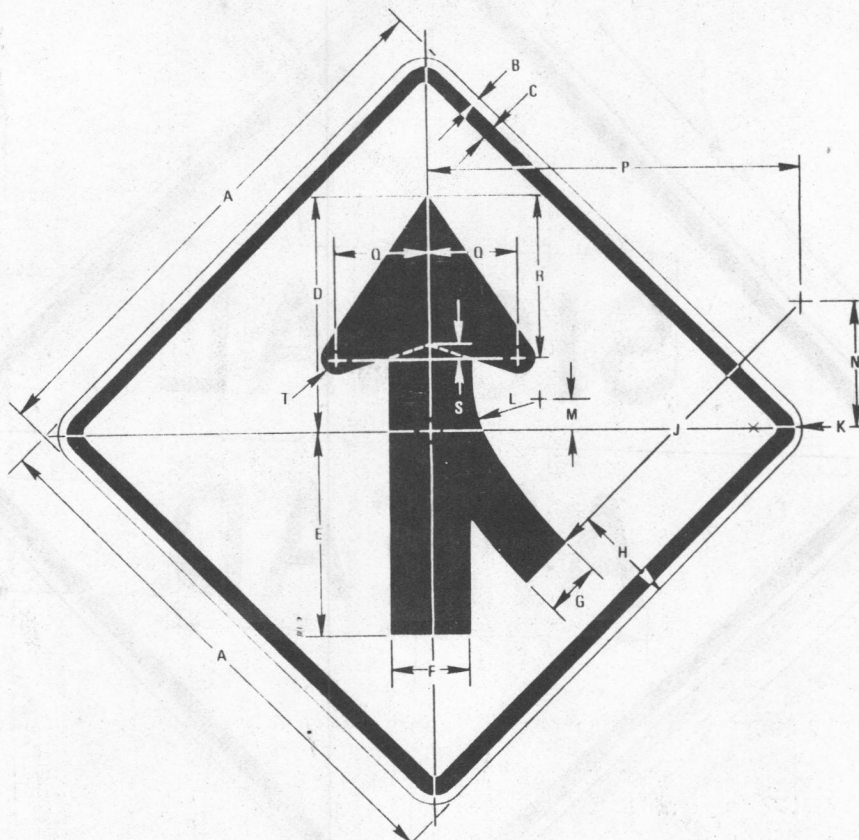


W3-3a

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
MIN.	30	1/2	3/4	5D	2	11-3/8	12-1/8	10-7/16	11-3/8	1-7/8
STD.	36	5/8	7/8	6D	2-1/2	13-11/16	14-1/2	12-1/2	13-5/8	2-1/4
SPECIAL	48	3/4	1-1/4	8D	3	18-1/4	19-5/16	16-11/16	18-3/16	3

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — YELLOW (REFL)

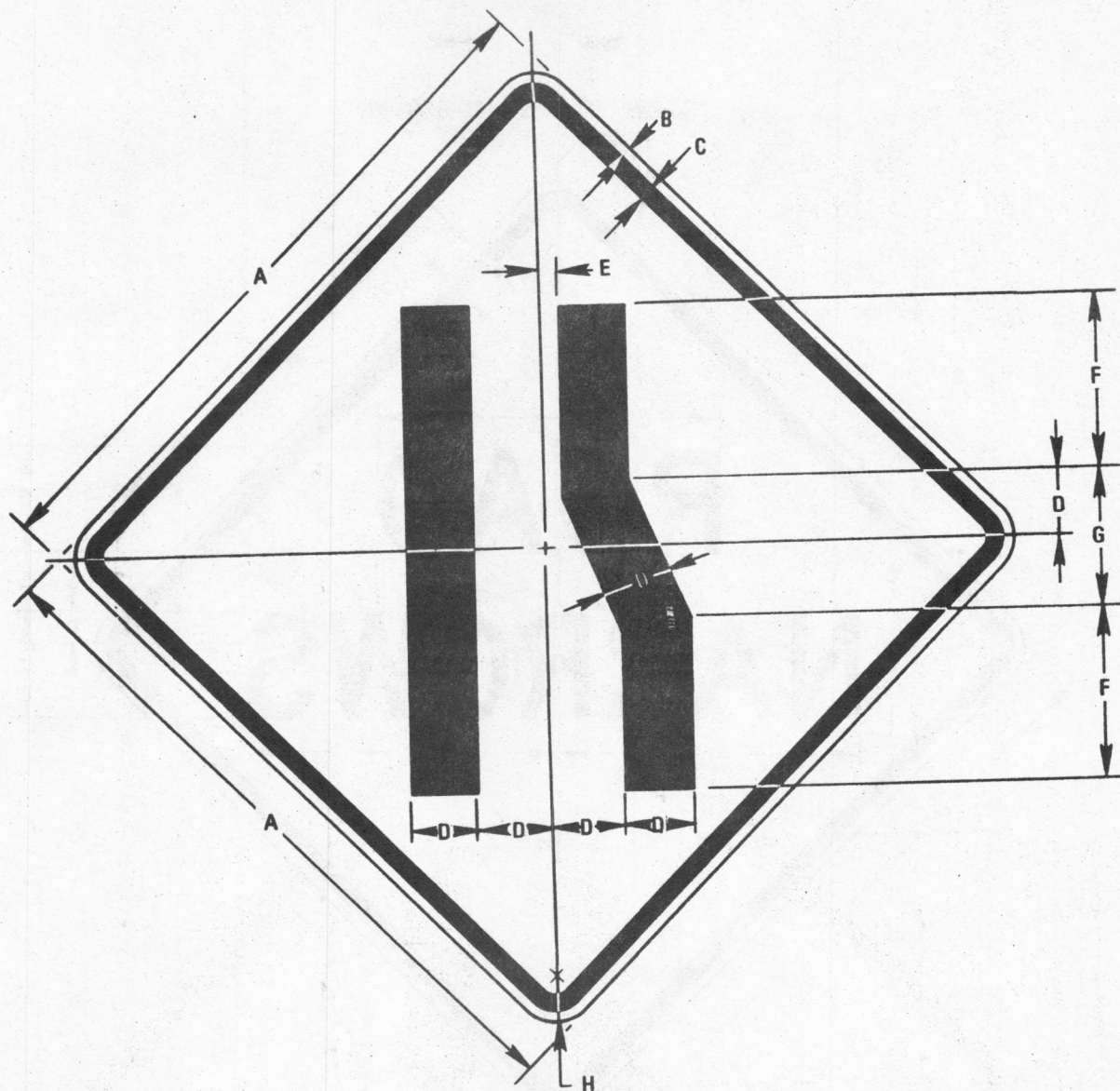


*Reduce spacing 20%

SIGN	DIMENSIONS (INCHES)																	
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T
MIN.	24	3/8	5/8	10-1/4	8-3/4	3-1/2	2-3/8	4-3/16	22-1/4	1-1/2	6-3/8	2-5/8	10-3/8	22-3/16	4	7-1/8	9/16	11/16
STD.	30	1/2	3/4	13	11	4-3/8	3	5-1/4	28	1-7/8	8	3	13	27-3/4	5	8-7/8	11/16	7/8
EXPWY.	36	5/8	7/8	15-3/4	13-1/4	5-1/4	3-5/8	6-5/16	33-5/8	2-1/4	9-5/8	4	15-5/8	33-5/16	6	10-5/8	13/16	1-1/16
FWY.	48	3/4	1-1/4	20-1/2	17-1/2	7	4-3/4	8-3/8	45	3	12-13/16	5-1/4	20-3/4	44-3/8	8	14-3/16	1-1/16	1-3/8

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - YELLOW (REFL)

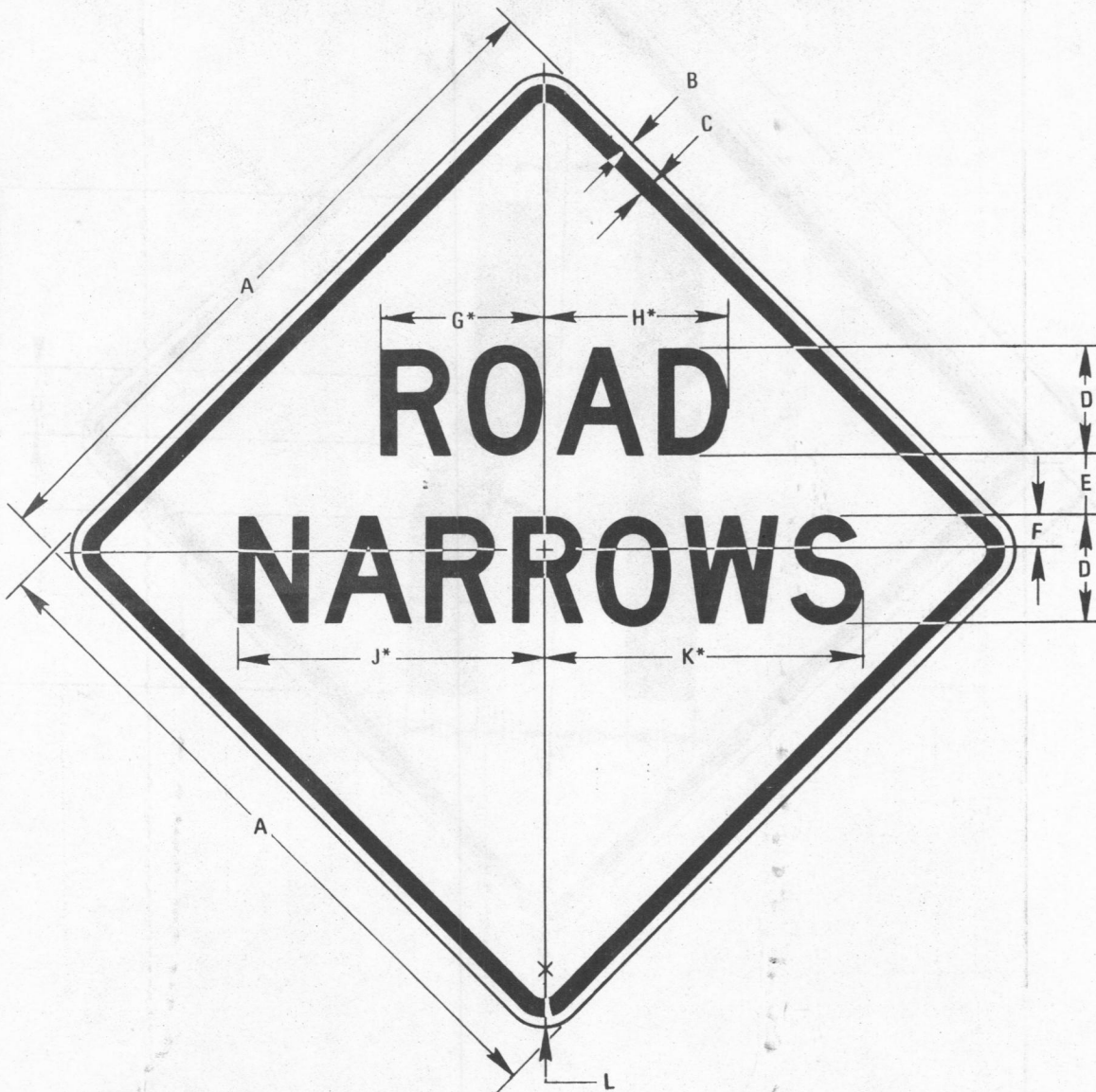


W4-2

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN.	30	1/2	3/4	3-3/8	13/16	8-7/16	6-3/4	1-7/8
STD. & EXPWY.	36	5/8	7/8	4	1	10	8	2-1/4
FWY.	48	3/4	1-1/4	5-5/16	1-3/8	13-5/16	10-5/8	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)



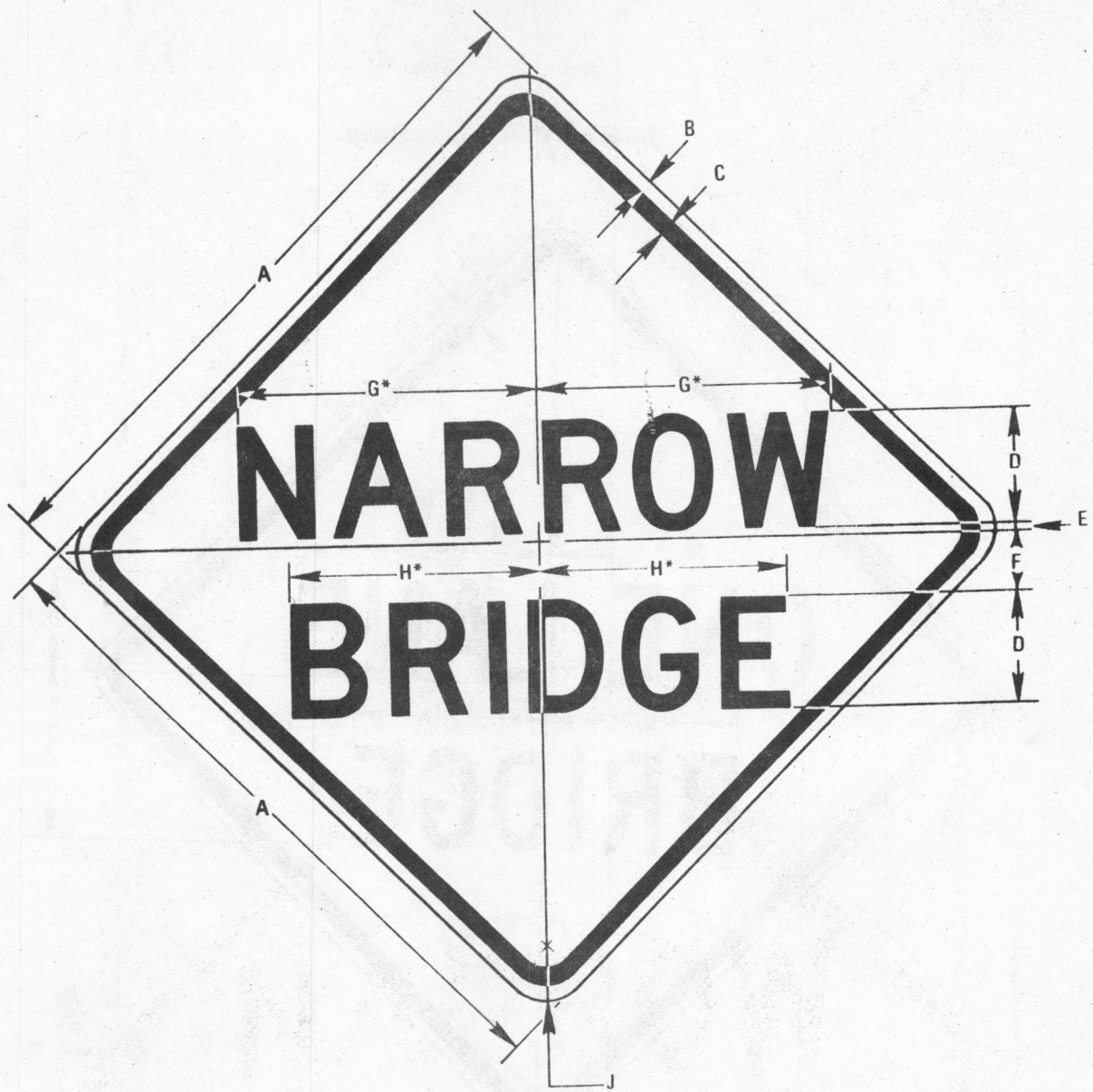
W5-1

* Reduce spacing 25%

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	30	1/2	3/4	5D	3	1-3/4	7-7/8	8-5/8	14-3/4	15-1/8	1-7/8
STD.	36	5/8	7/8	6D	3-1/2	2	9-1/2	10-5/16	17-5/8	18-1/4	2-1/4
SPECIAL	48	3/4	1-1/4	8D	4	3	12-11/16	13-3/4	23-1/2	24-3/8	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)



W5-2

*Reduce spacing 20%

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MIN.	24	3/8	5/8	4D	1/4	2	10-7/16	8-3/4	1-1/2
STD.	30	1/2	3/4	5D	1/2	2-1/2	13-1/16	10-7/8	1-7/8
SPECIAL	36	5/8	7/8	6D	3/4	3	15-11/16	13-1/16	2-1/4

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — YELLOW (REFL)

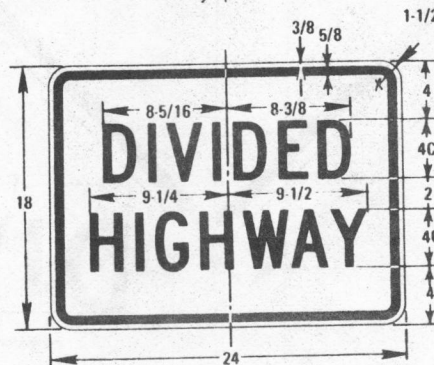
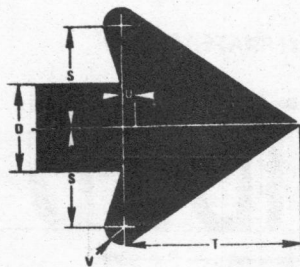
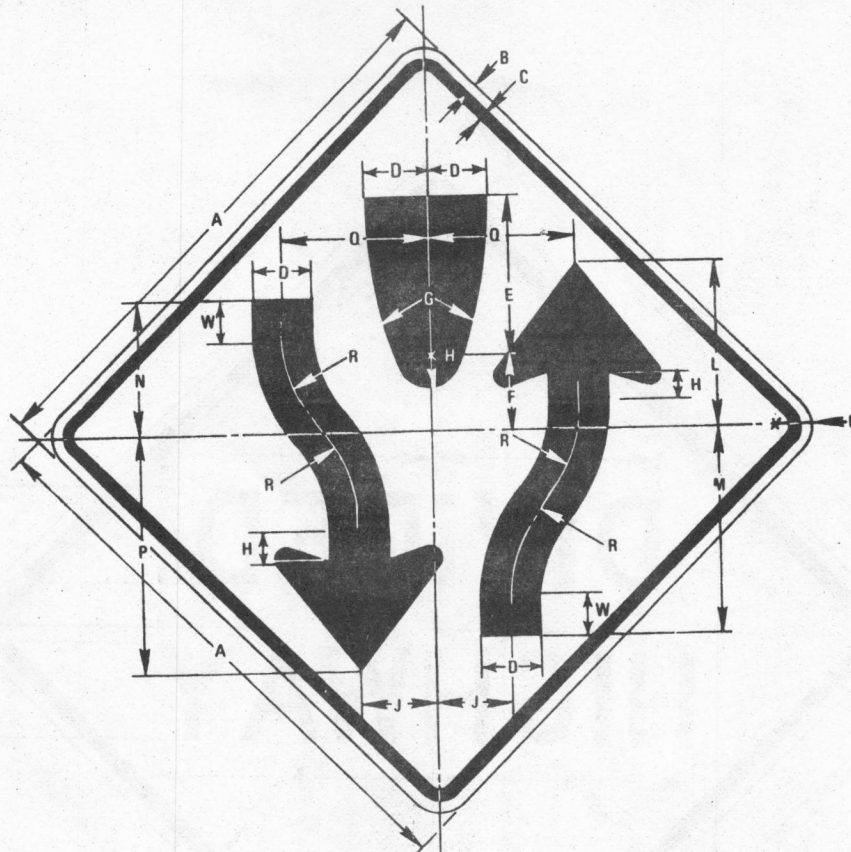


W5-3

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MIN.	30	1/2	3/4	5C	3-1/4	13-5/16	12-11/16	9-1/8	1-7/8
STD.	36	5/8	7/8	6C	4	16	15-1/4	11-1/2	2-1/4
SPECIAL	48	3/4	1-1/4	8C	5	21-1/4	20-1/4	15-3/8	3

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — YELLOW (REFL)

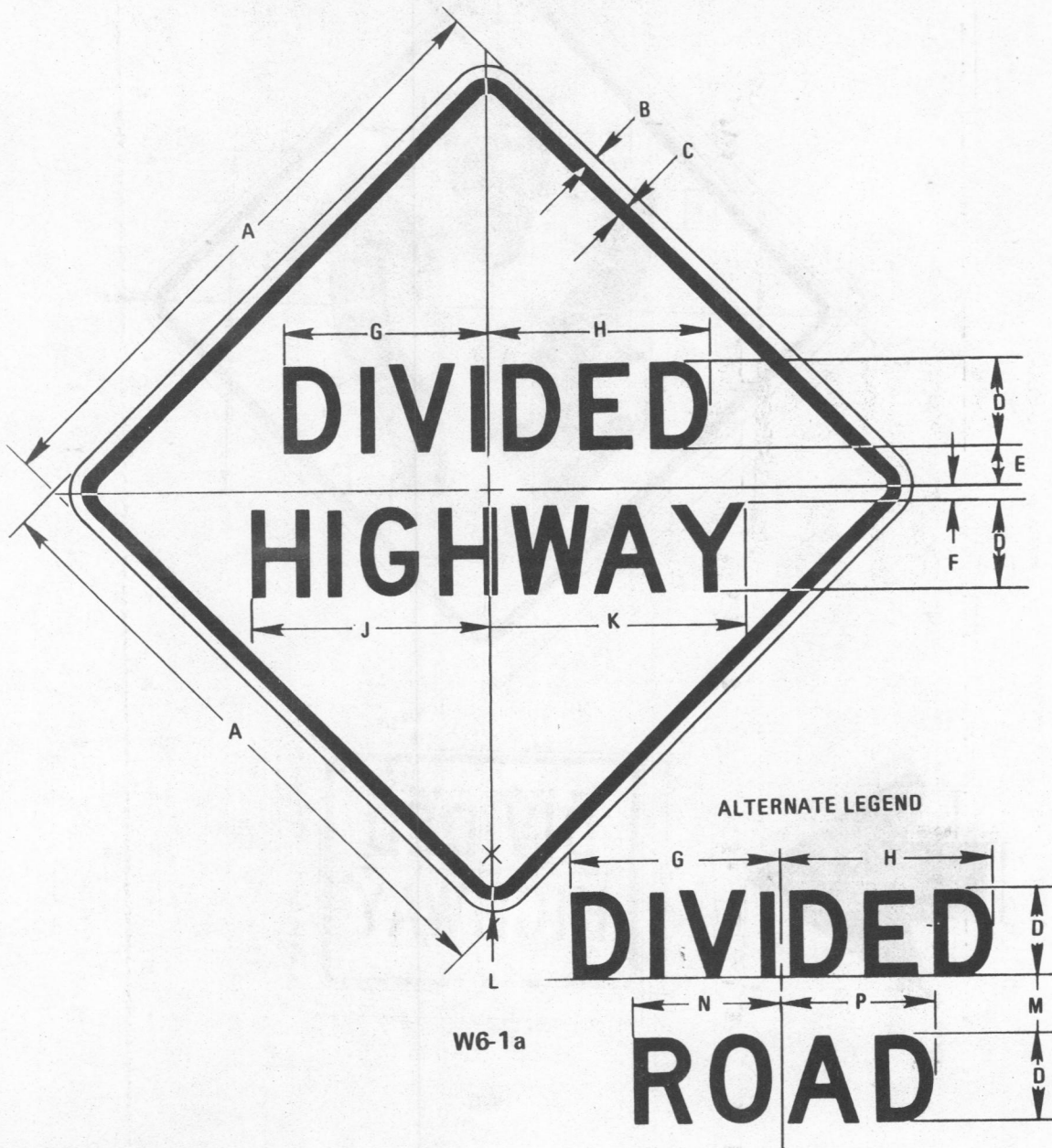


W6-1

SIGN	DIMENSIONS (INCHES)																				
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W
MIN.	30	1/2	3/4	3 5/16	8 5/16	4 1/8	25	1 11/16	4 1/8	1 7/8	10	11 5/8	7 15/16	13 11/16	7 7/8	8 5/16	3 13/16	6 11/16	1/2	11/16	2 1/16
STD & EXPWY	36	5/8	7/8	4	10	5	30	2	5	2 1/4	12	14	9 1/2	16 1/2	9 1/2	10	4 5/8	6 1/8	5/8	13/16	2 1/2
SPECIAL	48	3/4	1 1/4	5 1/4	13 1/8	6 9/16	38 5/16	2 5/8	6 9/16	3	16	18 1/16	12 11/16	22	12 7/16	13 1/8	6	10 5/8	13/16	1 1/16	3 5/16

COLORS

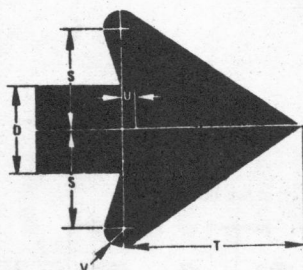
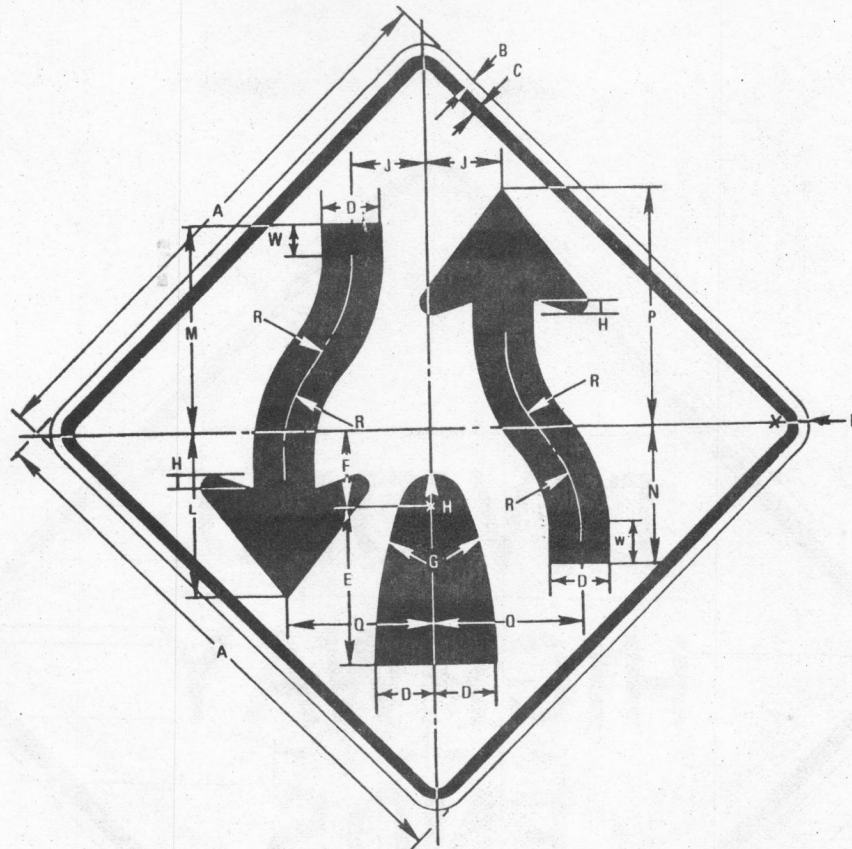
LEGEND - BLACK (NON-REFL)
BACKGROUND - YELLOW (REFL)



SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
MIN.	30	1/2	3/4	4D	2	1	9-11/16	10-3/16	11-1/4	11-3/4	1-1/2	3	6-3/4	7
STD.	36	5/8	7/8	5D	2-1/4	1-1/4	12	12-3/4	14	14-3/4	1-7/8	3-1/2	8-3/8	8-7/8
SPECIAL	48	3/4	1-1/4	7D	3-1/2	1-1/2	16-7/8	17-7/8	19-1/2	20-3/4	2-1/4	5	11-11/16	12-7/16

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)

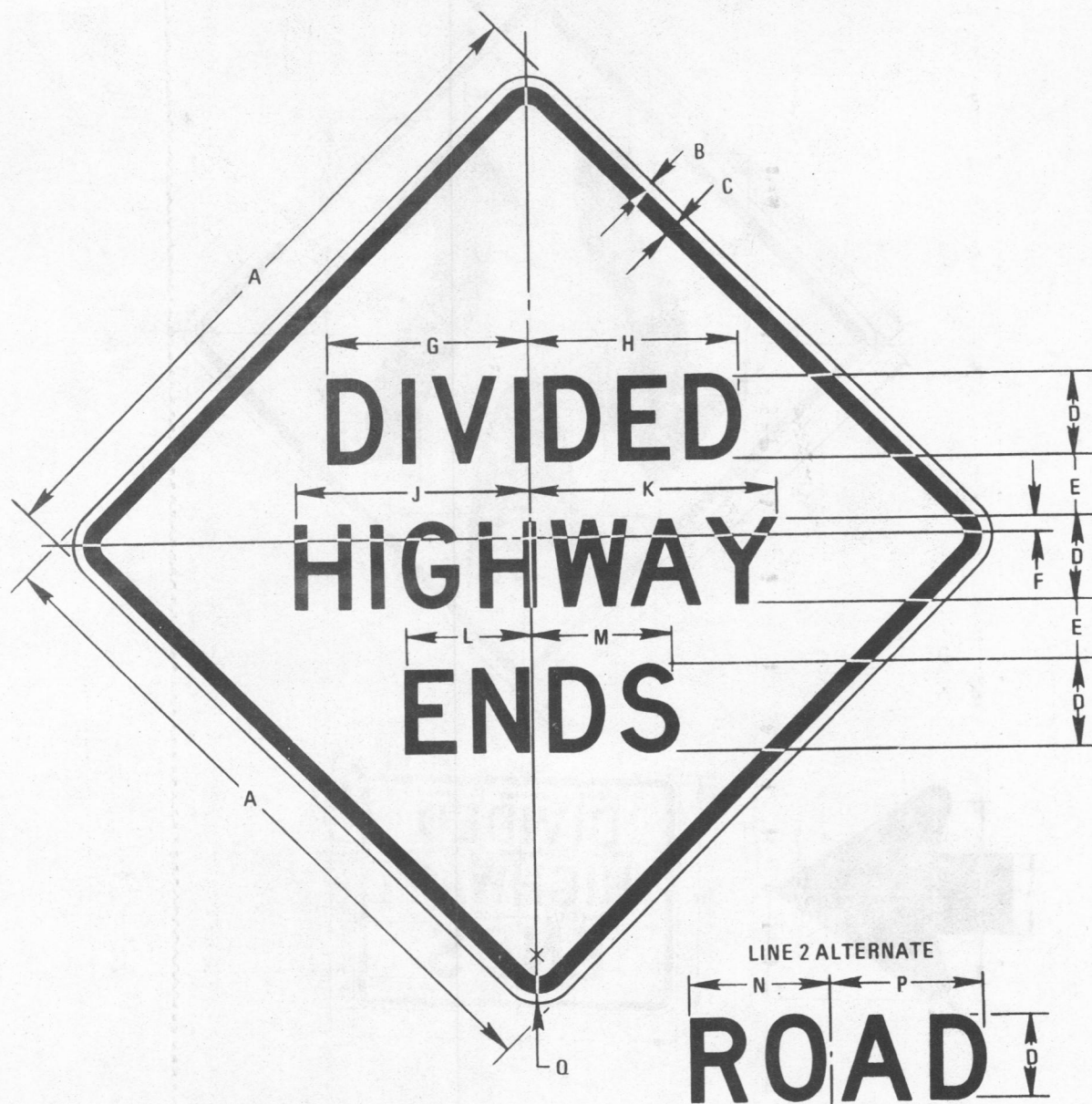


W6-2

SIGN	DIMENSIONS (INCHES)																				
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W
MIN	30	1/2	3/4	3 5/16	8 5/16	4 1/8	25	1 11/16	4 1/8	1 7/8	10	11 5/8	7 15/16	13 11/16	7 7/8	8 5/16	3 13/16	6 11/16	1/2	11/16	2 1/16
STD & EXPWY	36	5/8	7/8	4	10	5	30	2	5	2 1/4	12	14	9 1/2	16 1/2	9 1/2	10	4 5/8	8 1/8	5/8	13/16	2 1/2
SPECIAL	48	3/4	1 1/4	5 1/4	13 1/8	6 9/16	39 5/16	2 5/8	6 9/16	3	16	18 11/16	12 11/16	22	12 7/16	13 1/8	6	10 5/8	13/16	1 1/16	3 5/16

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)

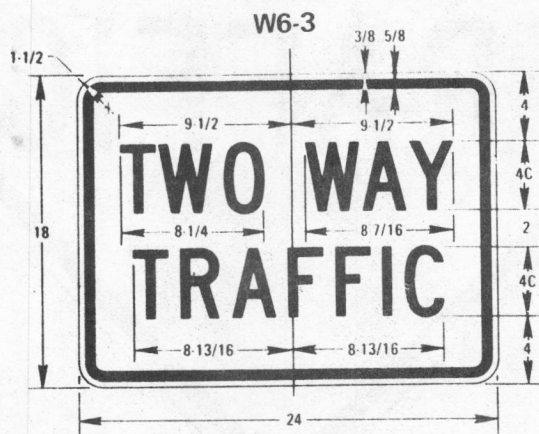
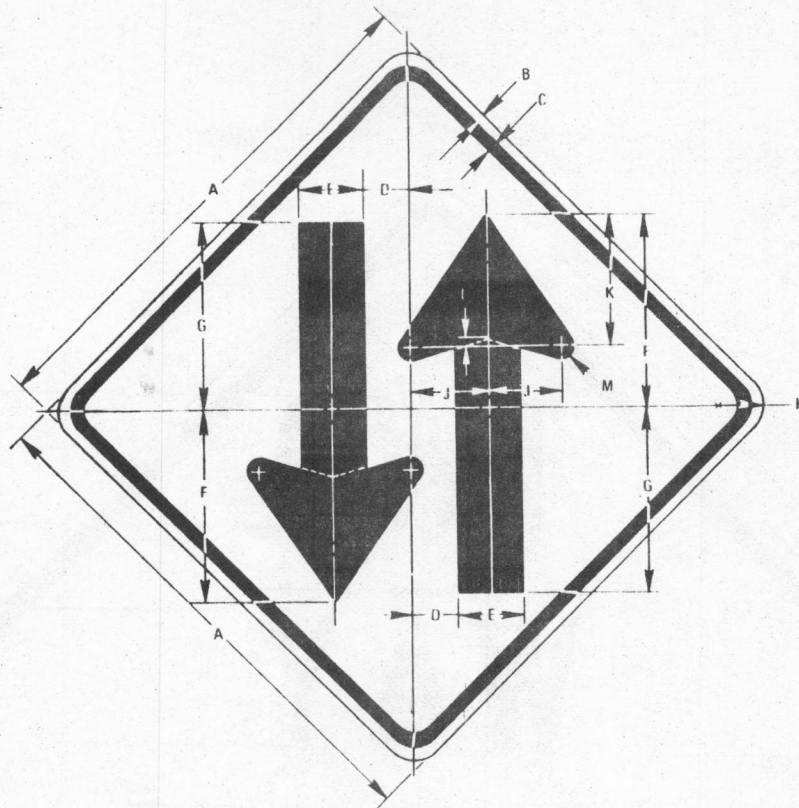


W6-2 a

SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
MIN.	30	1/2	3/4	4D	3	1	9-11/16	10-3/16	11-1/4	11-3/4	6-1/8	6-13/16	6-3/4	7	1-7/8
STD.	36	5/8	7/8	5D	3-1/2	1-1/4	12	12-3/4	14	14-3/4	7-5/8	8-9/16	8-3/8	8-7/8	2-1/4
SPECIAL	48	3/4	1-1/4	7D	4-1/2	1-1/2	16-7/8	17-7/8	19-1/2	20-3/4	10-11/16	12	11-11/16	12-7/16	3

COLORS

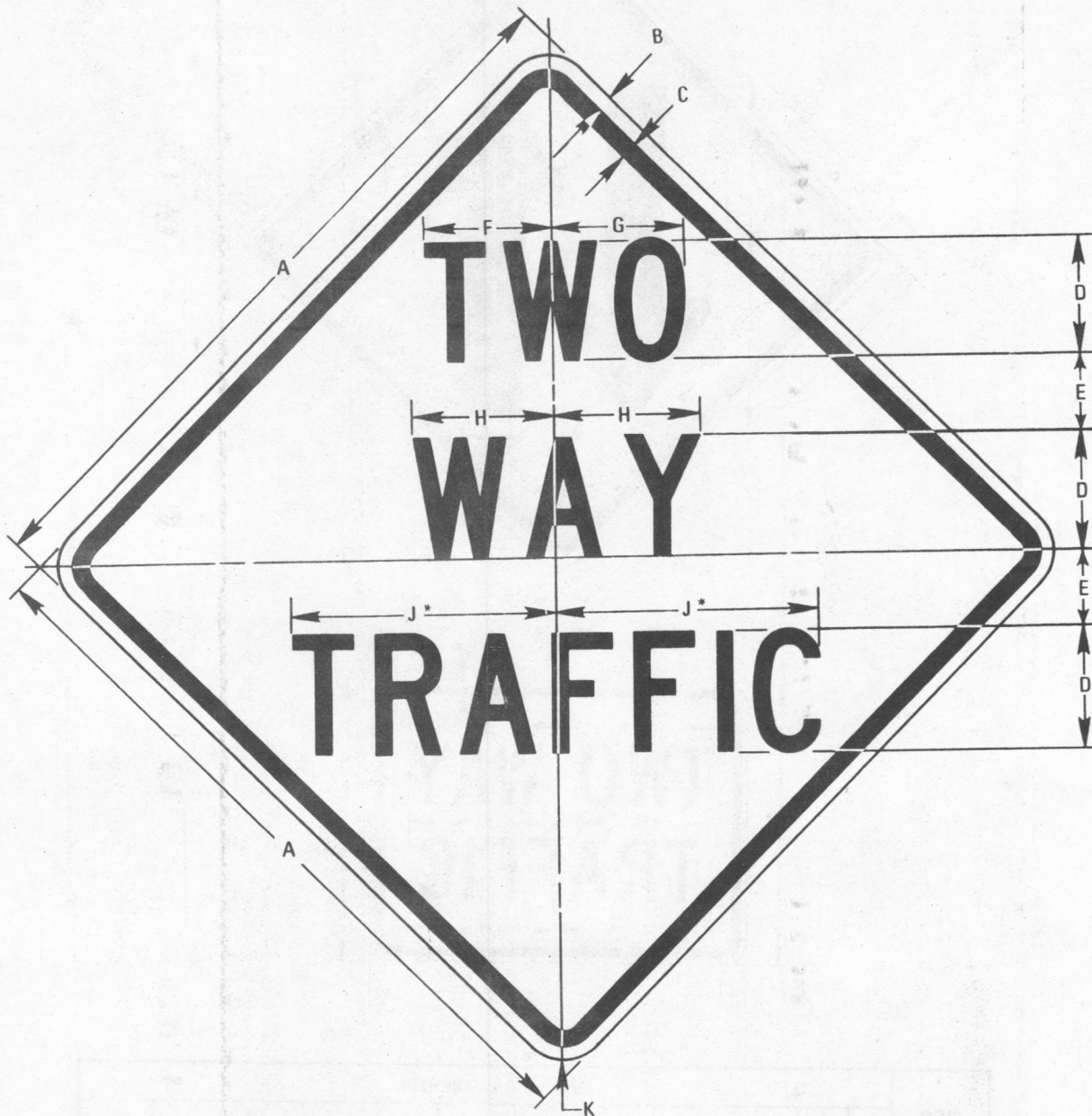
LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)



SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
MIN.	24	3/8	5/8	2	3	9	8-1/2	1-1/2	3-1/2	6-1/8	7/16	9/16
STD.	30	1/2	3/4	2-7/16	3-3/4	11-1/4	10-5/8	1-7/8	4-5/16	7-5/8	9/16	3/4
EXPWY.	36	5/8	7/8	2-15/16	4-1/2	13-1/2	12-3/4	2-1/4	5-3/16	9-1/8	11/16	7/8
SPECIAL	48	3/4	1-1/4	3-7/8	6	18	17	3	6-7/8	12-3/16	15/16	1-3/16

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - YELLOW (REFL)



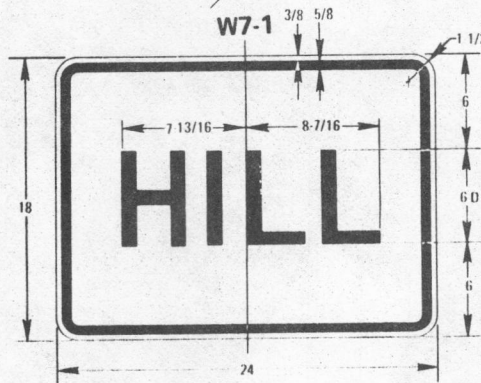
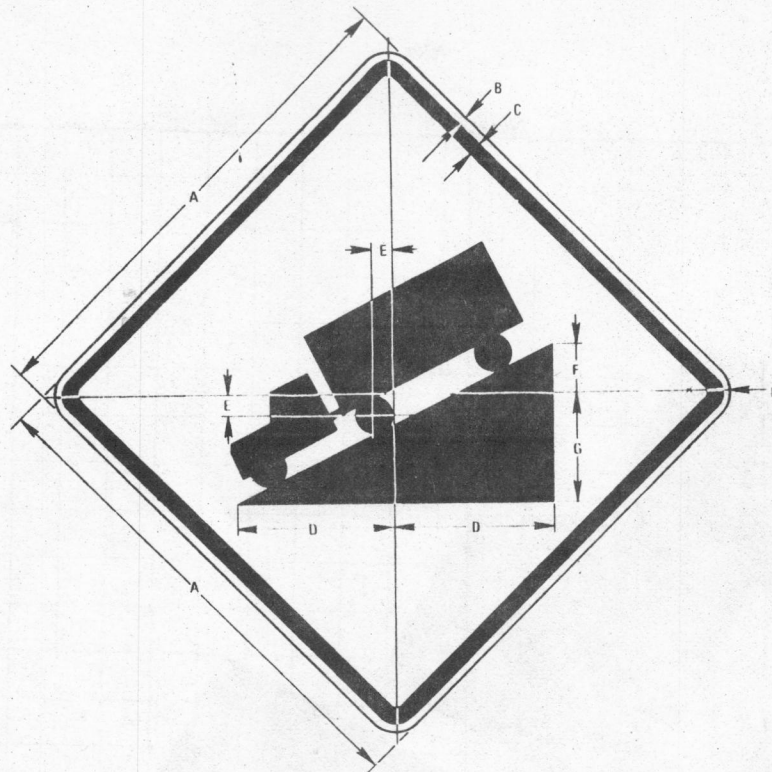
W6-3a

* Reduce spacing 50%

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
MIN.	24	3/8	5/8	4C	2-1/2	4-3/16	4-1/2	4-1/4	7-3/4	1-1/2
STD.	30	1/2	3/4	5C	3	5-1/4	5-5/8	5-1/4	9-11/16	1-7/8
EXPWY.	36	5/8	7/8	6C	3-1/2	6-1/4	6-3/4	6-3/8	11-11/16	2-1/4
SPECIAL	48	3/4	1-1/4	3C	5	8-3/8	8	8-1/2	15-1/2	3

COLORS

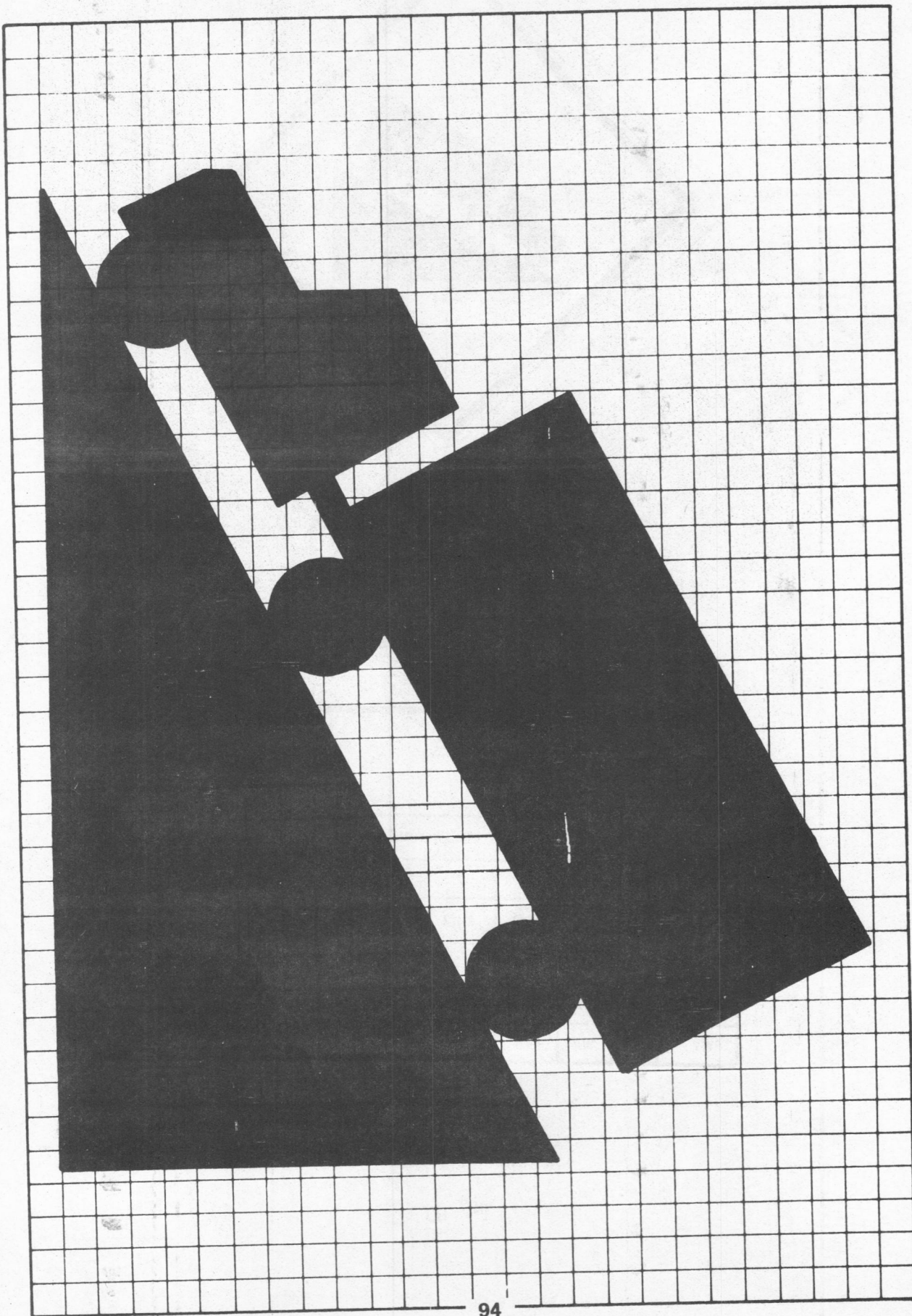
LEGEND — BLACK (NON. REFL)
BACKGROUND — YELLOW (REFL)

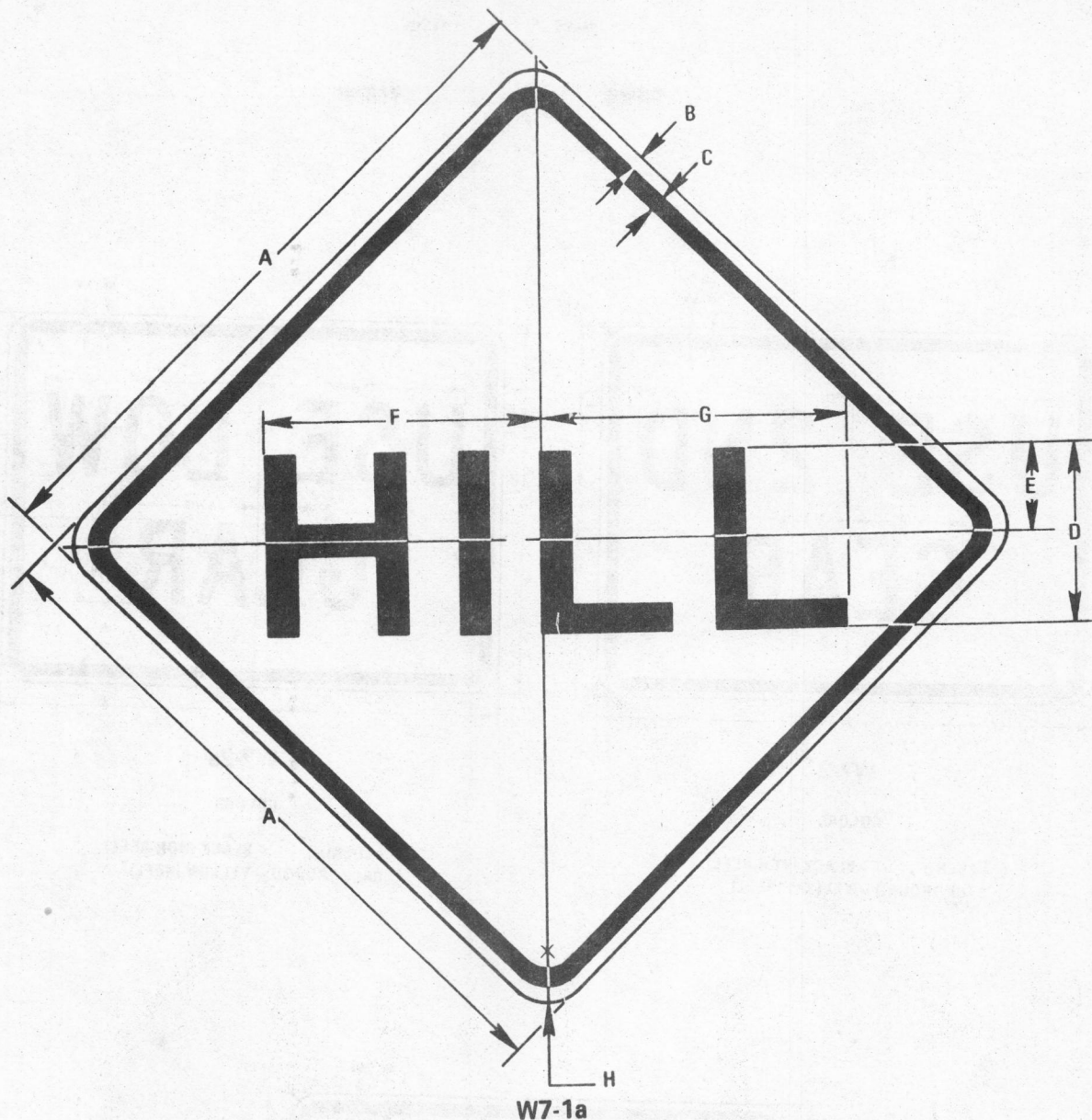


SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN.	24	3/8	5/8	7-1/2	7/8	2-3/8	5-1/8	1-1/2
STD.	30	1/2	3/4	9-1/2	1-1/8	3	6-1/2	1-7/8
EXPWY.	36	5/8	7/8	11-1/4	1-5/16	3-9/16	7-11/16	2-1/4
FWY.	48	3/4	1-1/4	15	1-3/4	4-3/4	10-1/4	3

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — YELLOW (REFL)



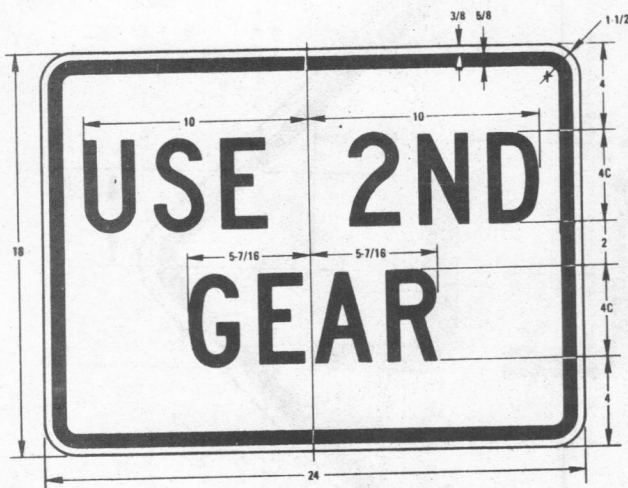


W7-1a

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN.	24	3/8	5/8	6E	3	8-15/16	10-1/16	1-1/2
STD.	30	1/2	3/4	8E	4	11-7/8	13-3/8	1-7/8
EXPWY.	36	5/8	7/8	10E	5	14-7/8	16-3/4	2-1/4
SPECIAL	48	3/4	1-1/4	12E	6	17-7/8	20-1/8	3

COLORS

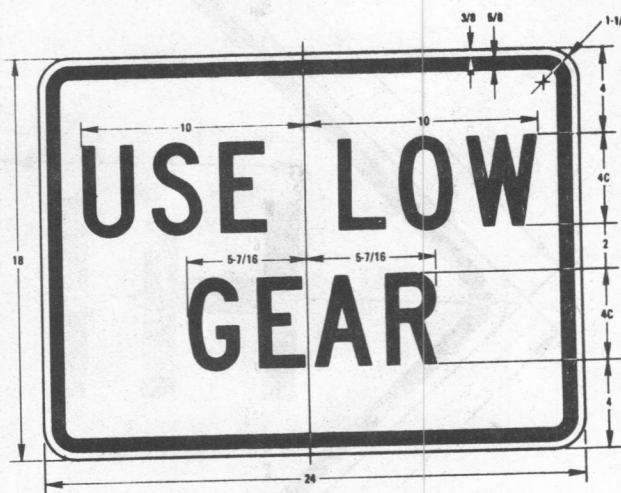
LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)



W7-2

COLORS

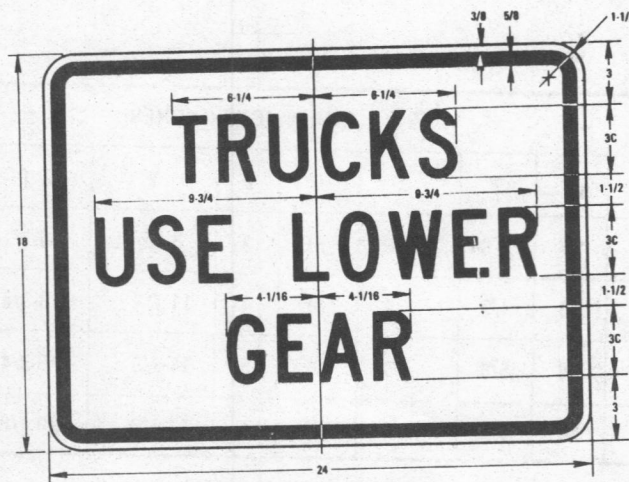
LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)



W7-2a

COLORS

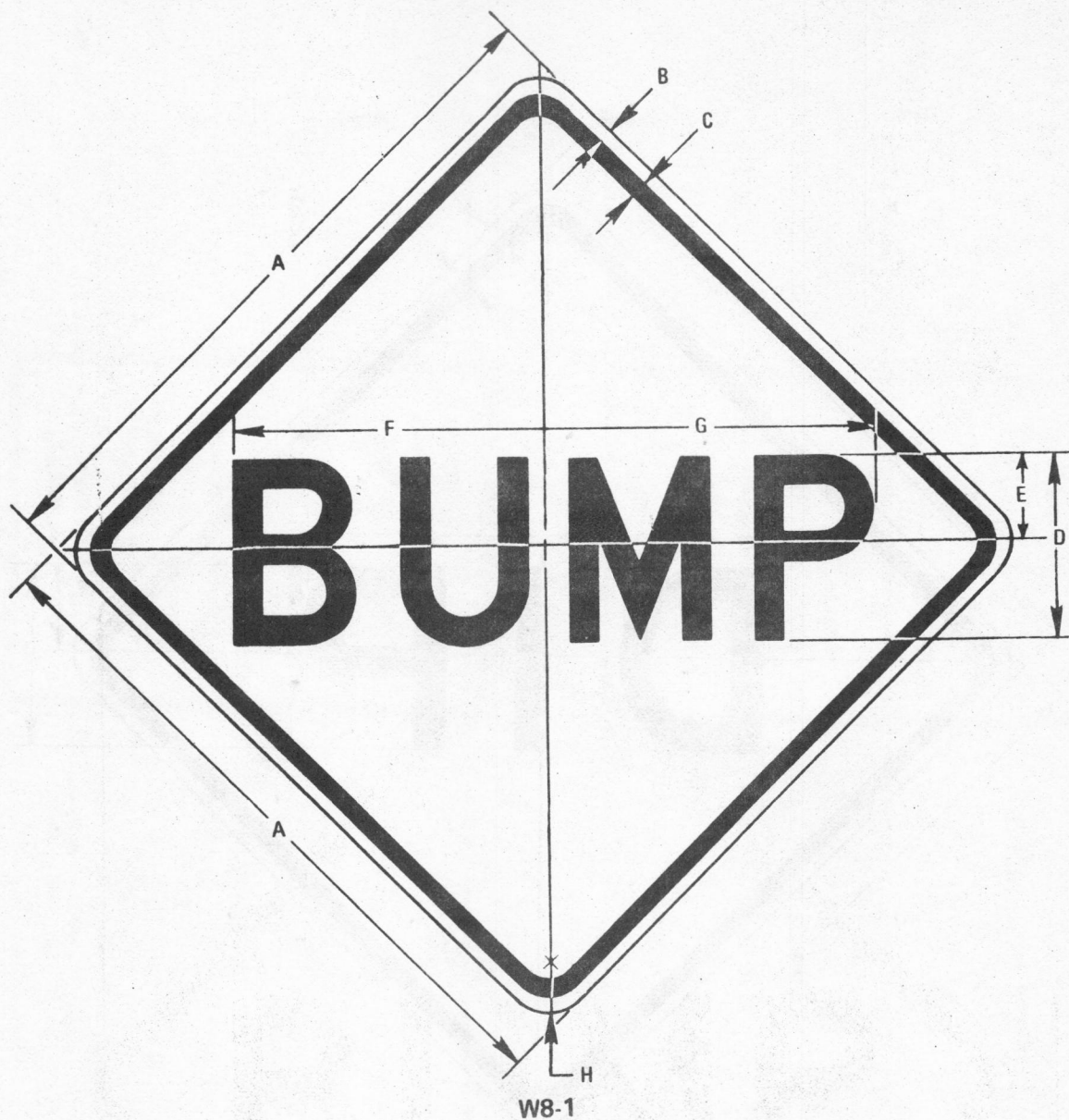
LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)



W7-2b

COLORS

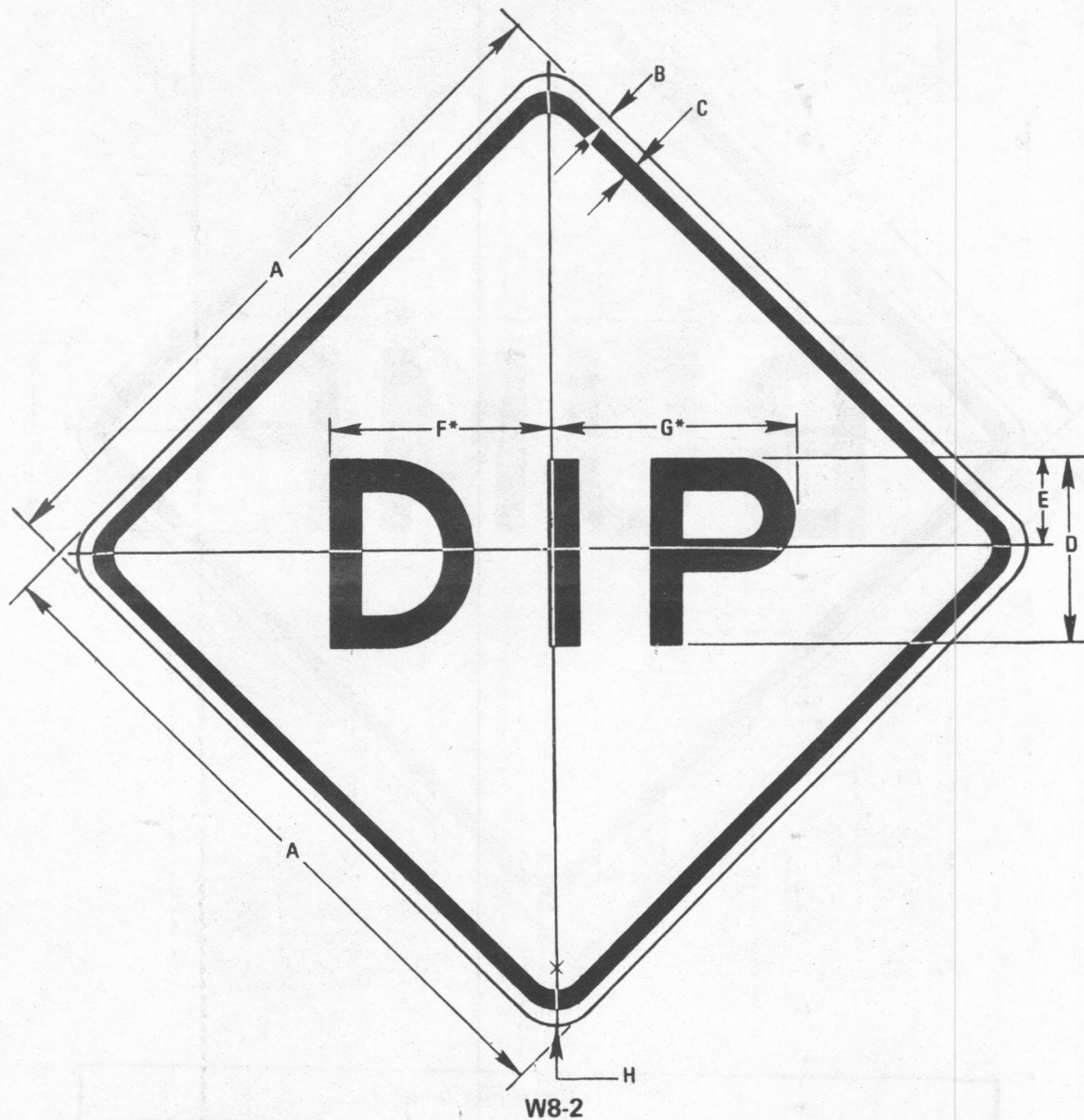
LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)



SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN.	24	3/8	5/8	6D	3	10-3/16	10-13/16	1-1/2
STD.	30	1/2	3/4	8D	4	13-5/8	14-3/8	1-7/8
EXPWY.	36	5/8	7/8	10D	5	16-15/16	17-15/16	2-1/4
FWY.	48	3/4	1-1/4	12D	6	20-3/8	21-5/8	3

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — YELLOW (REFL)



*Increase spacing 50%.

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN.	24	3/8	5/8	6E	3	7-1/8	8-1/8	1-1/2
STD.	30	1/2	3/4	8E	4	9-1/2	10-7/8	1-7/8
EXPWY.	36	5/8	7/8	10E	5	11-7/8	13-1/2	2-1/4
FWY.	48	3/4	1-1/4	12E	6	14-1/4	16-1/4	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)

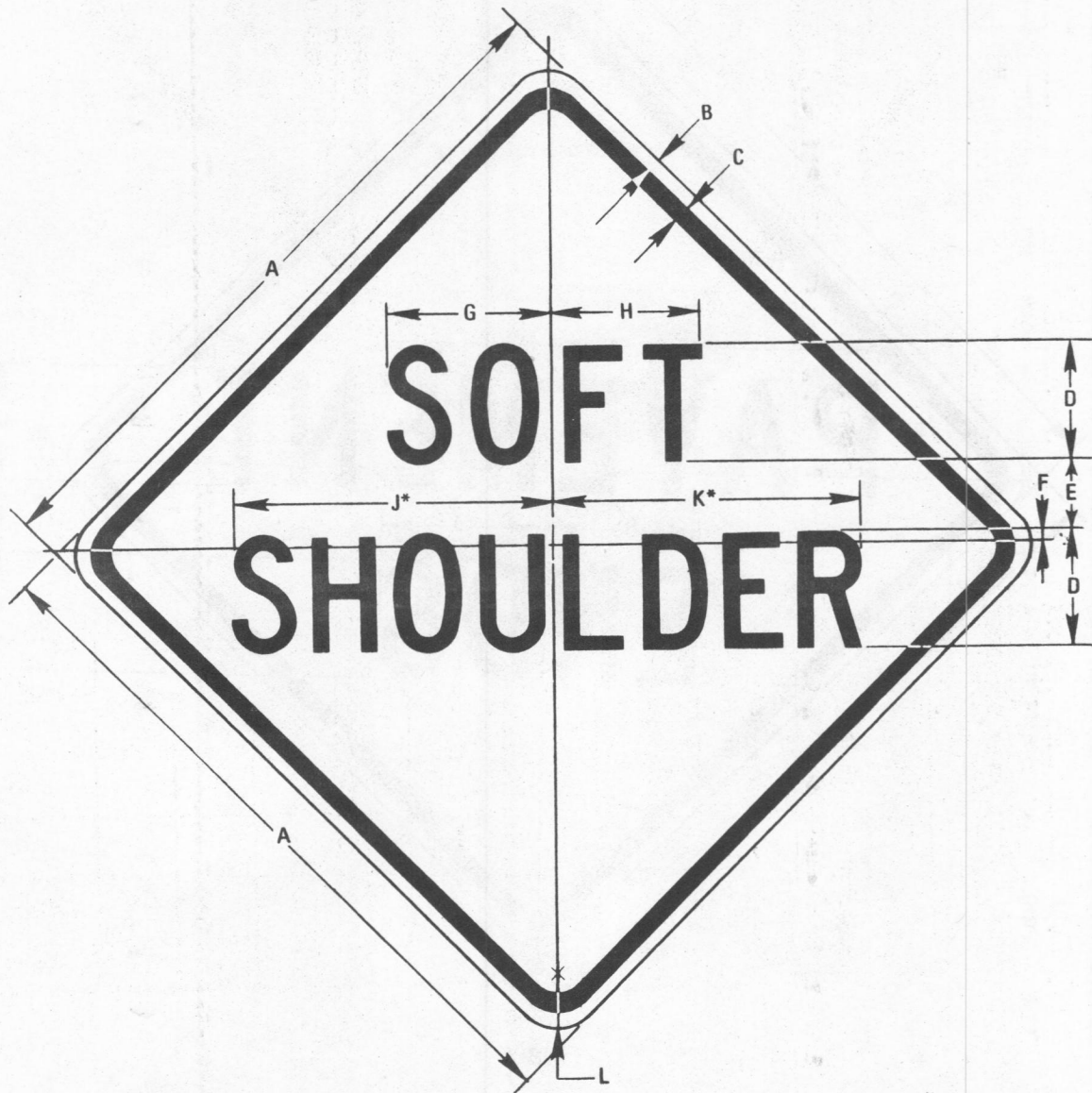


W8-3

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
MIN.	24	3/8	5/8	4C	2-1/2	1/2	11- 3/16	5-5/16	5-7/16	1-1/2
STD.	30	1/2	3/4	5C	3	3/4	13-15/16	6-5/8	6-7/8	1-7/8
SPECIAL	36	5/8	7/8	6C	3-1/2	1	16-3/4	7-7/8	8-1/4	2-1/4

COLORS

LEGEND - BLACK (NON-REFL)
 BACKGROUND - YELLOW (REFL)



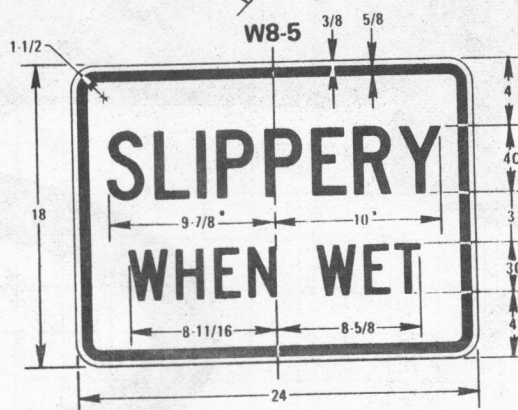
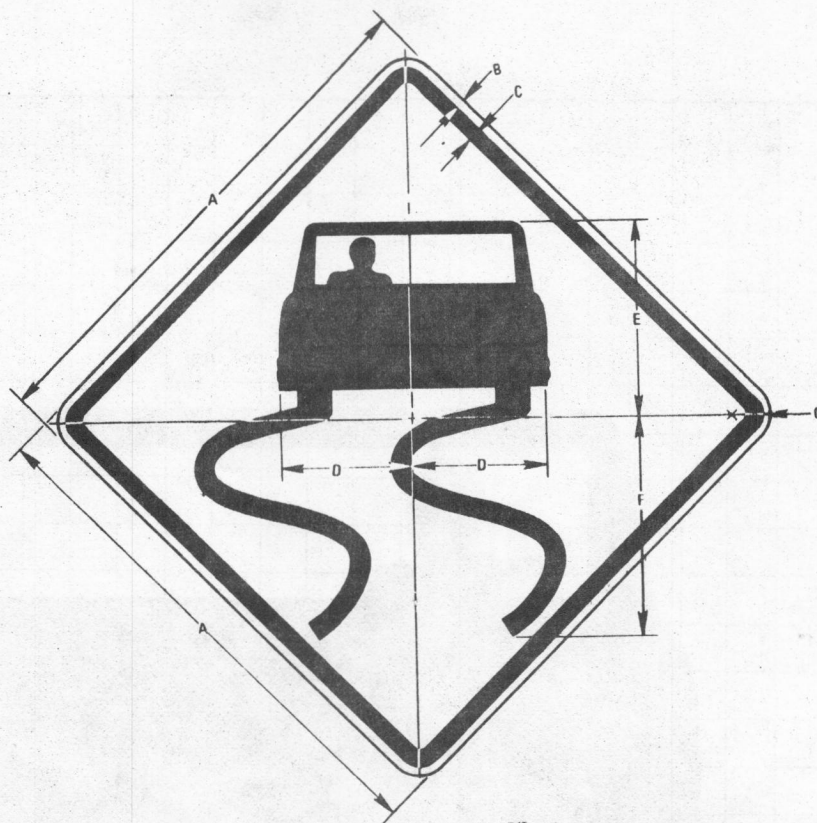
W8-4

*Reduce spacing 25%

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	24	3/8	5/8	4C	2-1/2	1/2	5-9/16	4-15/16	10-15/16	10-7/16	1-1/2
STD.	30	1/2	3/4	5C	3	3/4	7	6-1/8	13-11/16	13-1/16	1-7/8
EXPWY.	36	5/8	7/8	6C	3-1/2	1	8-3/8	7-3/8	16-1/2	15-3/4	2-1/4
FWY.	48	3/4	1-1/4	8C	5	1-1/4	11-1/8	9-13/16	21-7/8	20-7/8	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)

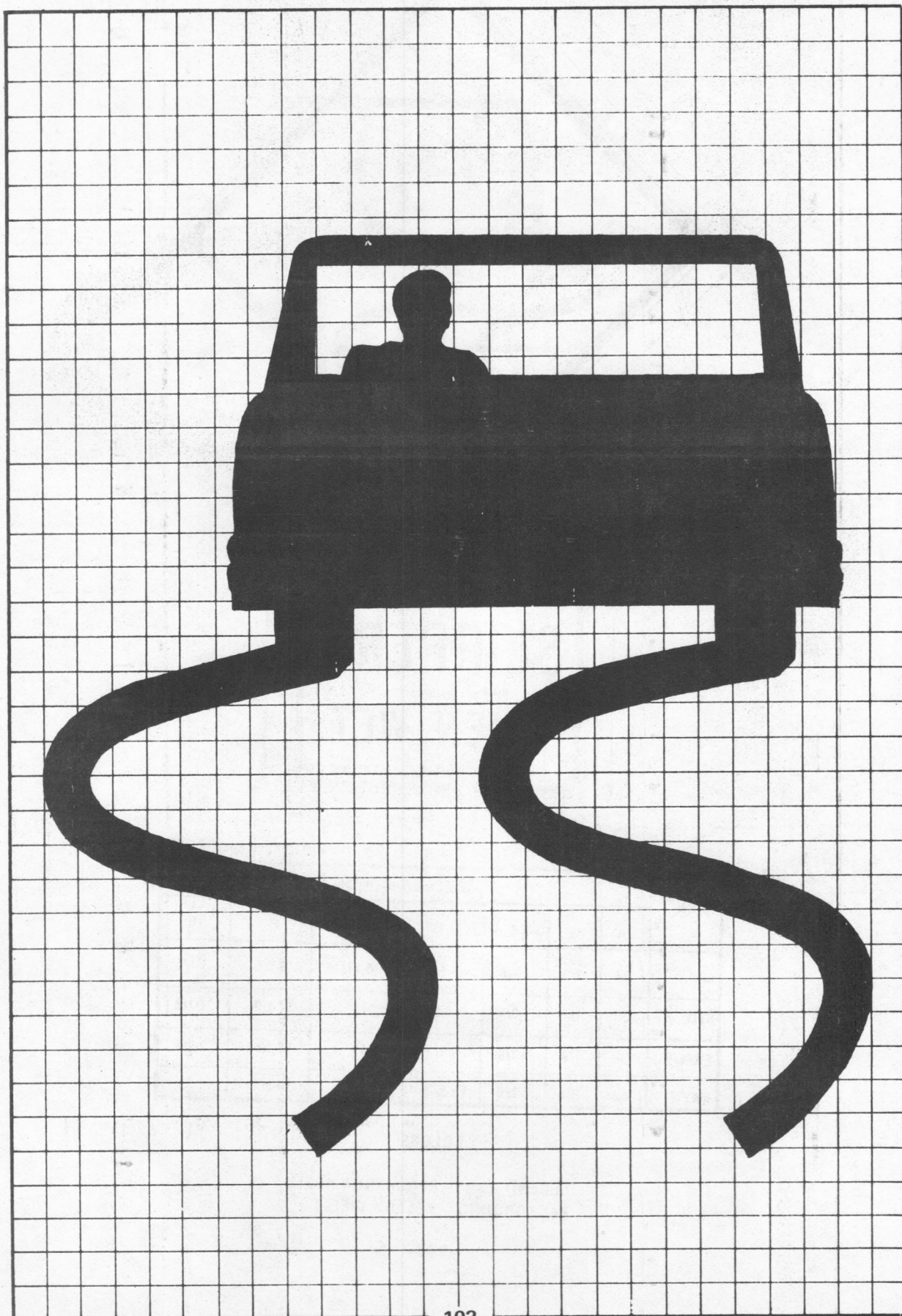


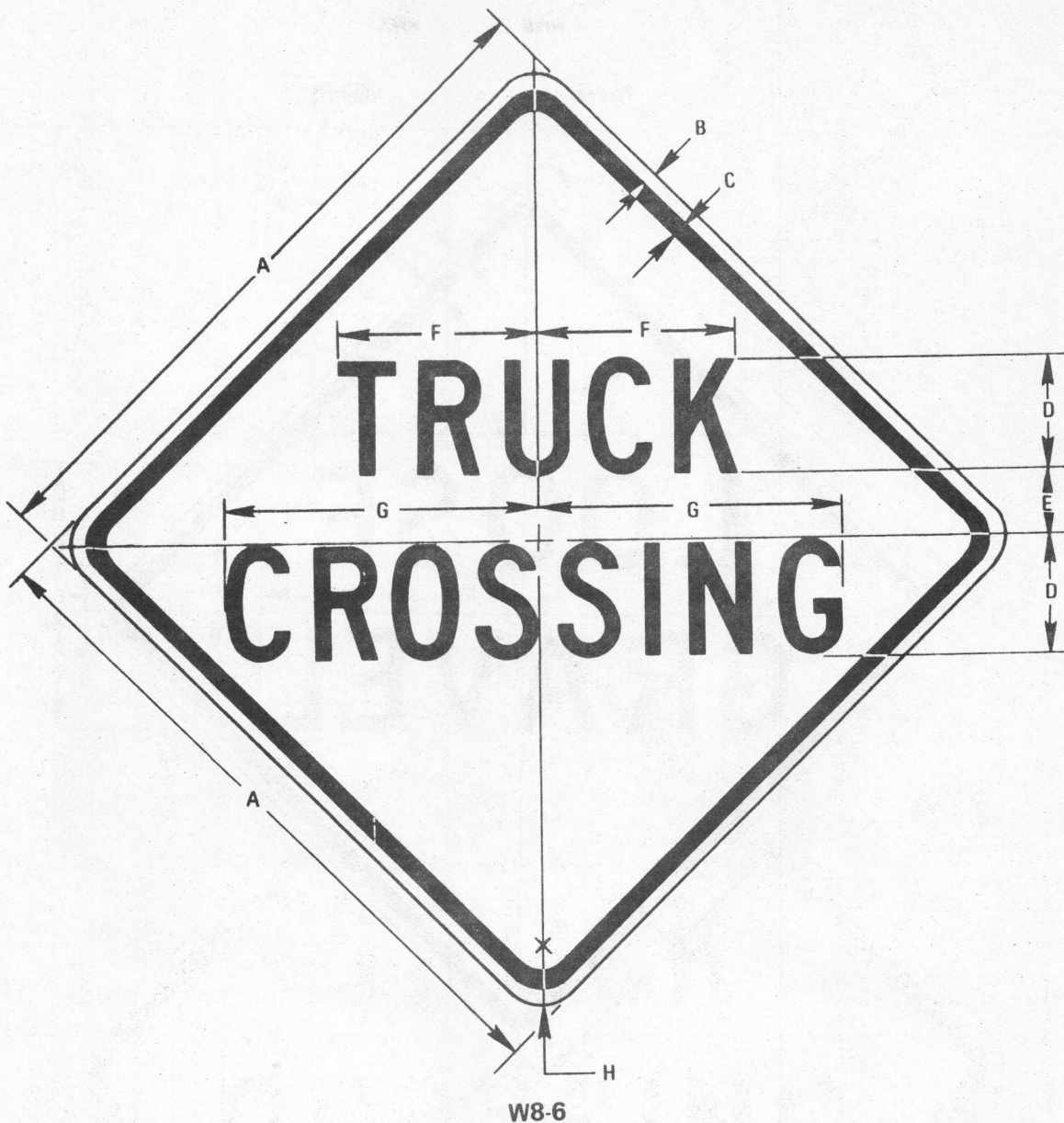
*Reduce spacing 25%

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
MIN.	24	3/8	5/8	6-5/16	8-11/16	9-7/8	1-1/2
STD.	30	1/2	3/4	8	11	12-1/2	1-7/8
EXPWY.	36	5/8	7/8	9-1/2	13	14-13/16	2-1/4
FWY.	48	3/4	1-1/4	12-5/8	17-3/8	19-3/4	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)

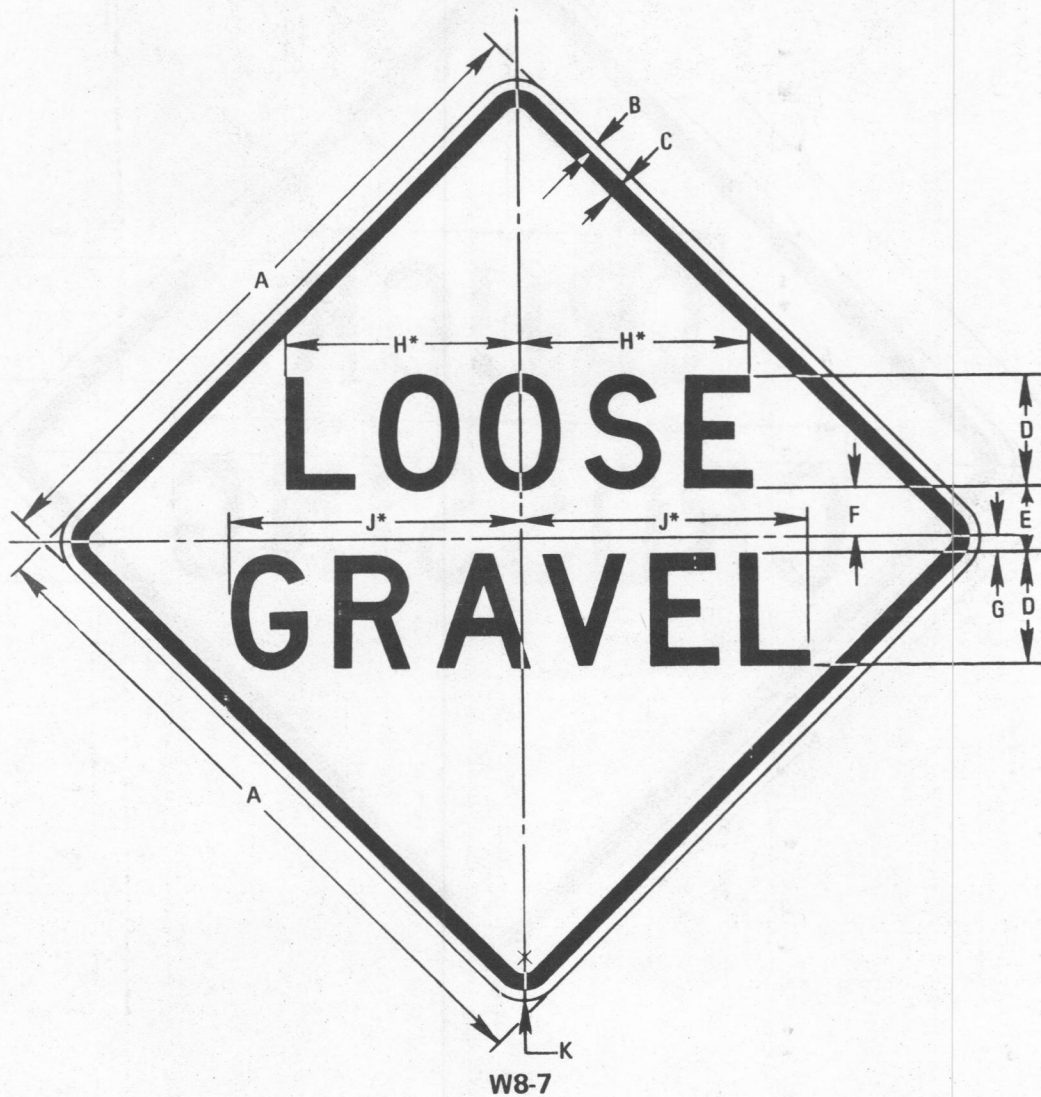




SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN.	24	3/8	5/8	4C	2-1/2	6-7/8	10-5/8	1-1/2
STD.	30	1/2	3/4	5C	3	8-5/8	13-5/16	1-7/8
EXPWY.	36	5/8	7/8	6C	3-1/2	10-5/16	15-15/16	2-1/4
SPECIAL	48	3/4	1-1/4	8C	5	13-3/4	21-1/4	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)

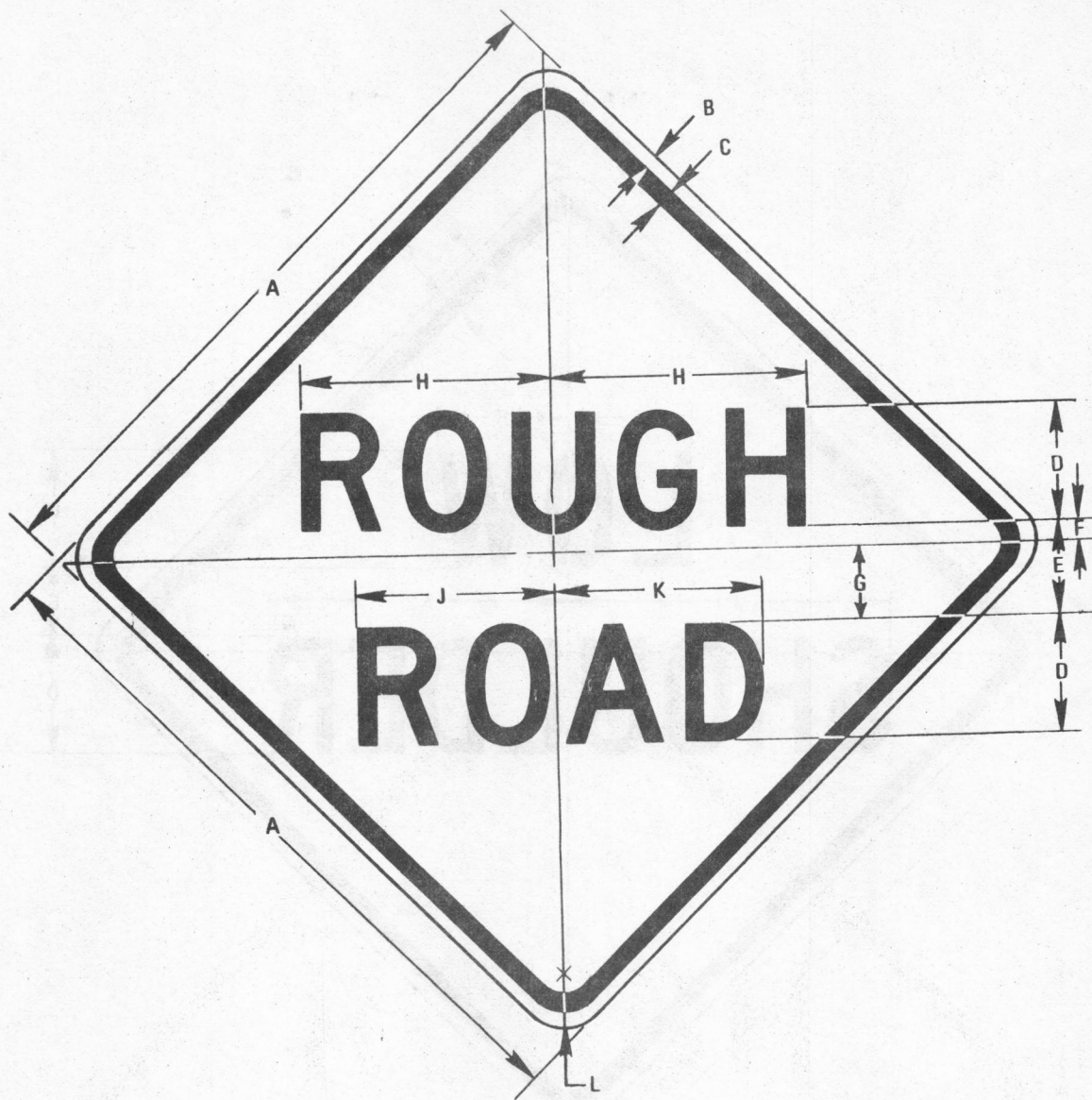


* Reduce spacing .40%

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
MIN.	24	3/8	5/8	4D	2-3/4	2-1/4	1/2	7-9/16	9-5/16	1-1/2
STD.	30	1/2	3/4	5D	3-7/16	2-13/16	5/8	9-7/16	11-11/16	1-7/8
EXPWY.	36	5/8	7/8	6D	4-1/8	3-3/8	3/4	11-5/16	14	2-1/4
FWY.	48	3/4	1-1/4	8D	5-1/2	4-1/2	1	15-1/8	18-11/16	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)

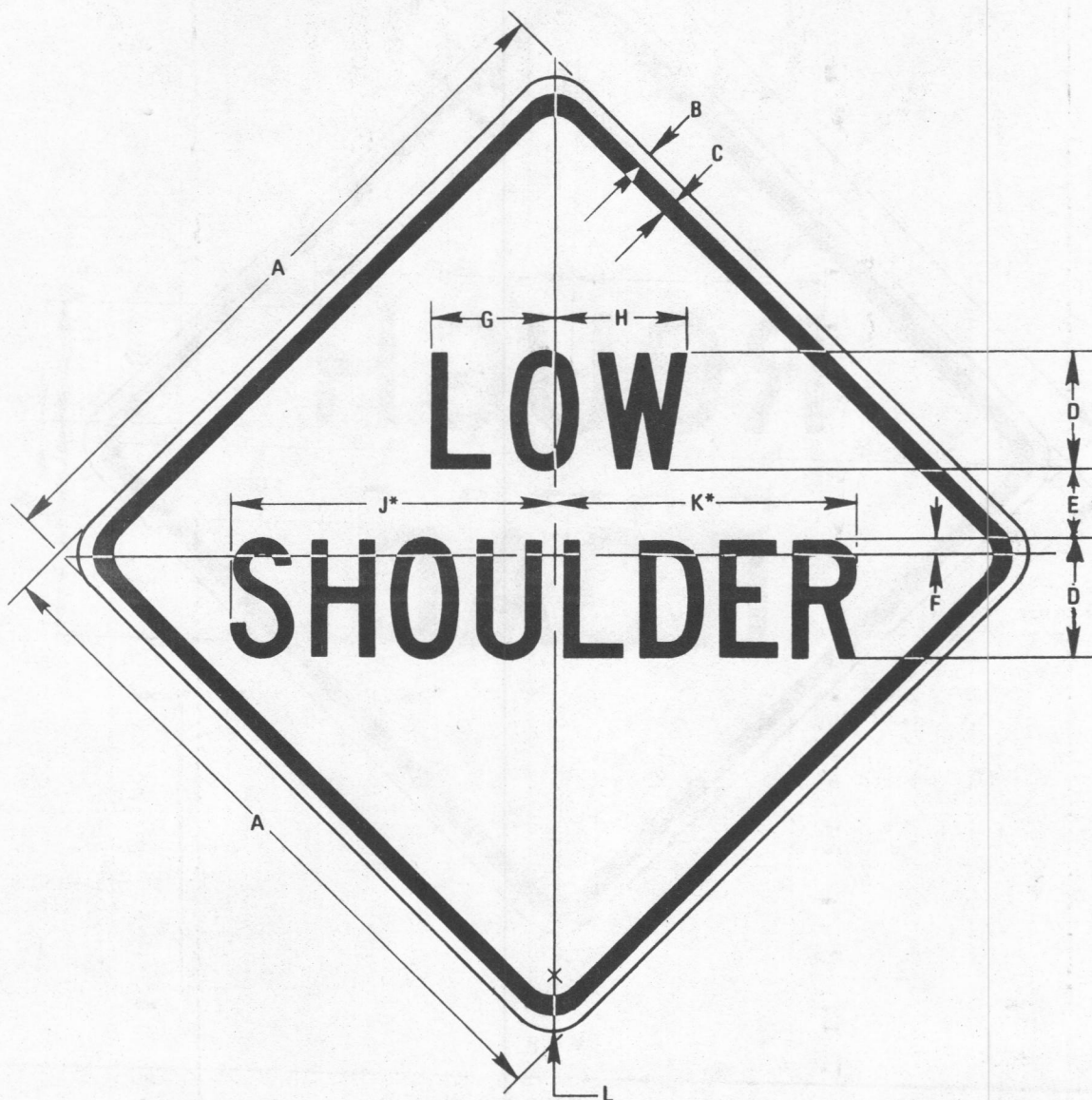


W8-8

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	24	3/8	5/8	4D	3	3/4	2-1/4	8-9/16	6-3/4	7	1-1/2
STD.	30	1/2	3/4	5D	4	7/8	3-1/8	10-11/16	8-7/16	8-3/4	1-7/8
SPECIAL	36	5/8	7/8	6D	5	1	4	12-7/8	10-1/8	10-1/2	2-1/4
SPECIAL	48	3/4	1-1/4	8D	6	1-1/2	4-1/2	17-1/8	13-1/2	14	3

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — YELLOW (REFL)



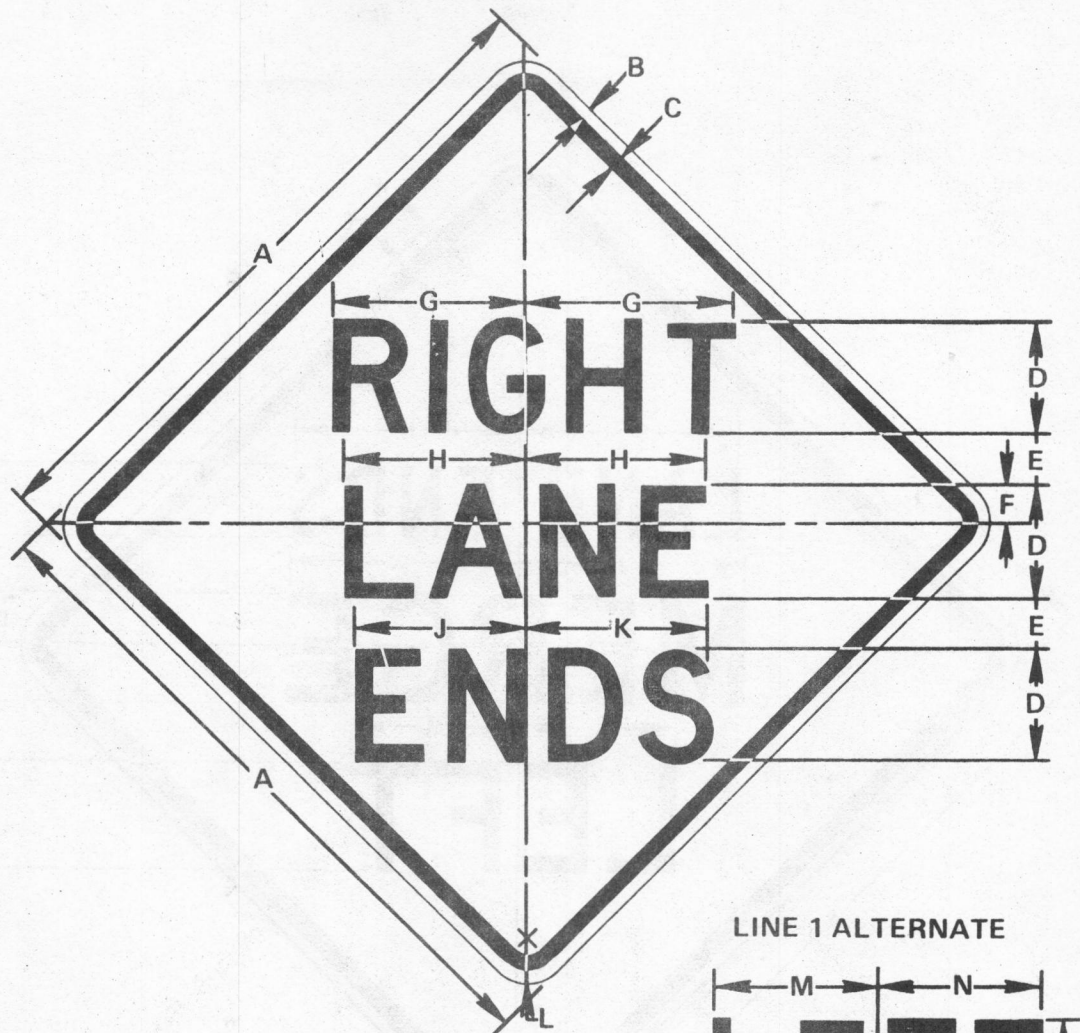
W8-9

*Reduce spacing 25%

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	24	3/8	5/8	4C	2-1/2	1/2	4-1/8	4-1/2	10-15/16	10-7/16	1-1/2
STD.	30	1/2	3/4	5C	3	3/4	5-3/16	5-5/8	13-11/16	13-1/16	1-7/8
EXPWY.	36	5/8	7/8	6C	3-1/2	1	6-3/16	6-3/4	16-1/2	15-3/4	2-1/4
FWY.	48	3/4	1-1/4	8C	5	1-1/4	8-1/4	9	21-7/8	20-7/8	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)



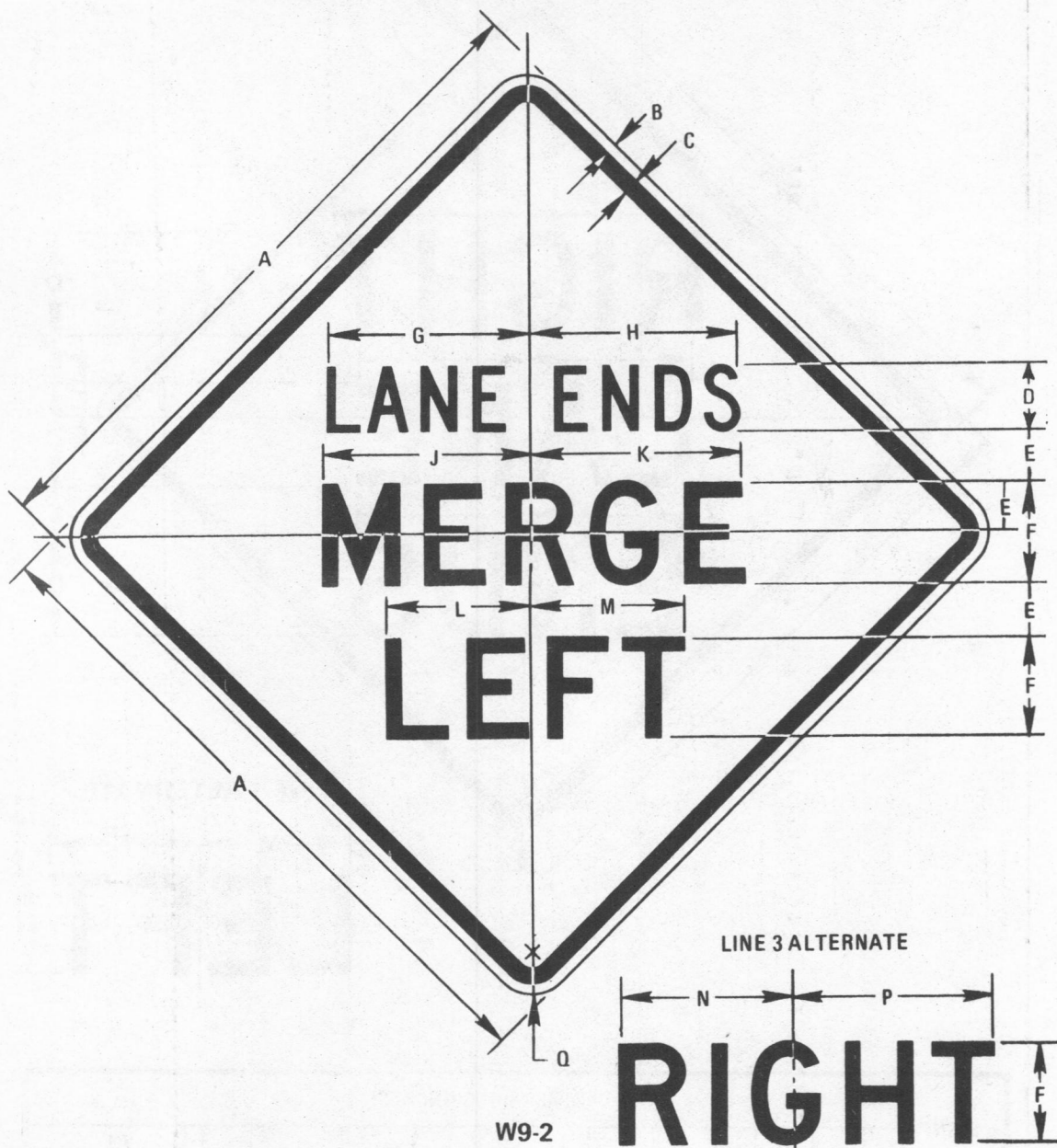
W9-1



SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	N
MIN.	24	3/8	5/8	4D	2	1-1/2	7-3/8	6-7/16	6-1/8	6-13/16	1-1/2	5-3/4	6
STD.	30	1/2	3/4	5D	2-1/2	1-1/2	9-3/16	8-1/16	7-5/8	8-9/16	1-7/8	7-1/8	7-9/16
EXPWY.	36	5/8	7/8	6D	3	2	11	9-11/16	9	10-3/8	2-1/4	8-1/2	9-1/8
FWY.	48	3/4	1-1/4	8D	4	3	14-3/4	12-7/8	12-1/4	13-5/8	3	11-1/4	12-1/4

COLORS

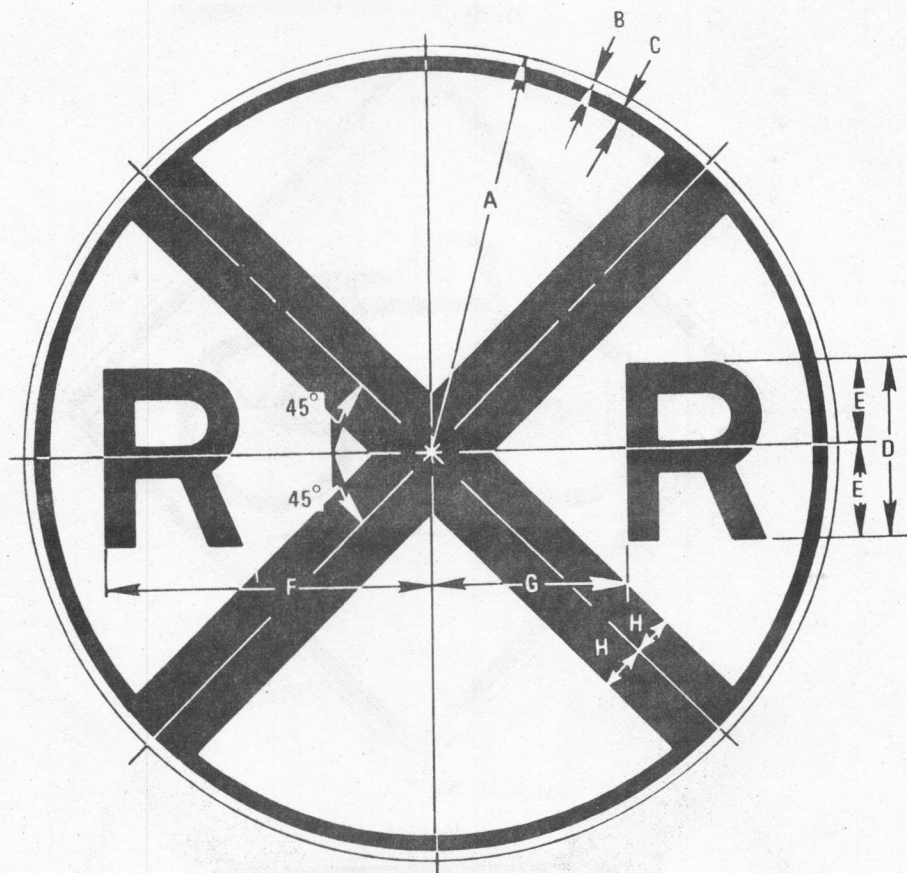
LEGEND - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)



SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
MIN.	30	1/2	3/4	3C	2-1/2	5D	8-15/16	9-5/16	10-3/8	10-9/16	7-1/8	7-9/16	8-9/16	9-13/16	1-7/8
STD.	36	5/8	7/8	4C	3	6D	12	12-1/2	12-3/8	12-3/4	8-1/2	9-1/8	10-1/4	11-3/4	2-1/4
SPECIAL	48	3/4	1-1/4	6C	4	8D	17-7/8	18-5/8	16-3/8	17-1/8	11-1/4	12-1/4	13-3/4	15-3/4	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)

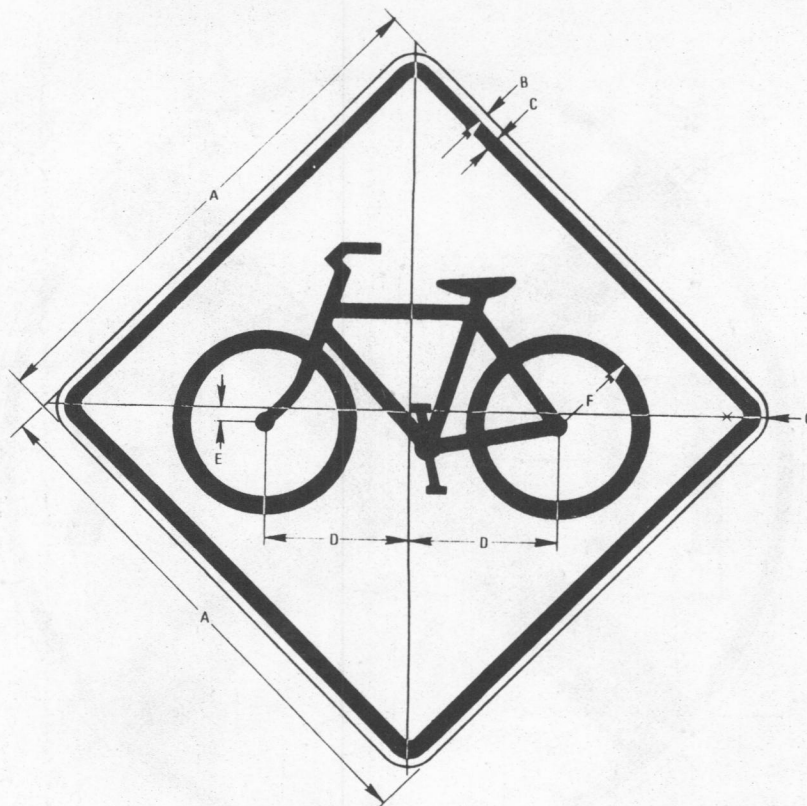


W10-1

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN.	15	3/8	5/8	7E	3-1/2	12-3/8	7-1/8	1-1/2
STD.	18	1/2	3/4	8E	4	14-3/8	8-5/8	1-7/8
SPECIAL	24	3/4	1-1/4	10E	5	18-3/8	11-5/8	2-5/8

COLORS

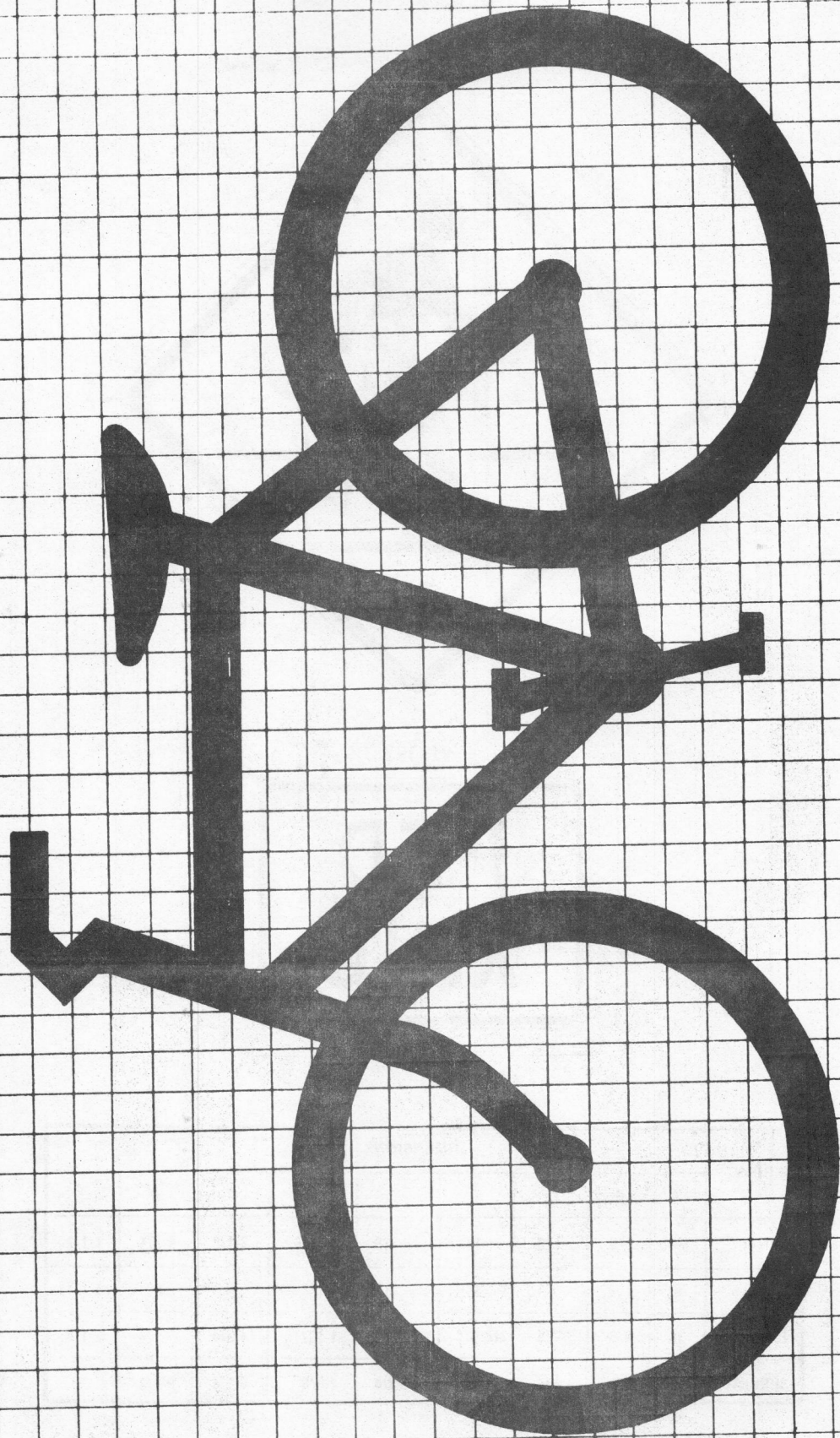
LEGEND — BLACK (NON-REFL)
 BACKGROUND — YELLOW (REFL)

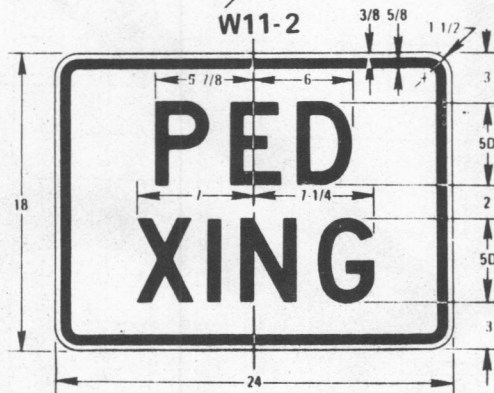
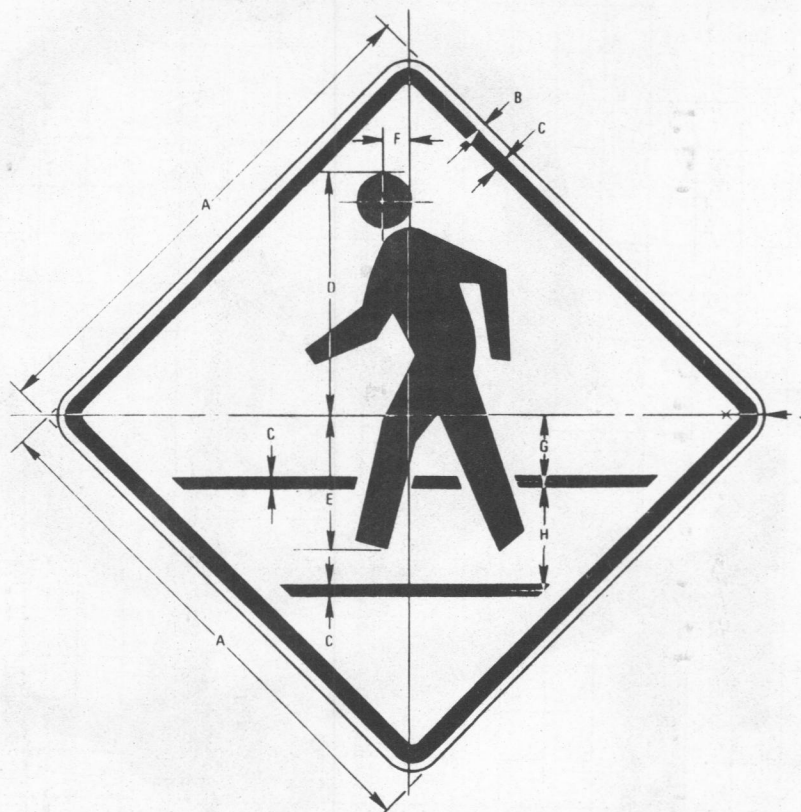


SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
MIN.	24	3/8	5/8	6-11/16	13/16	4-1/8	1-1/2
STD.	30	1/2	3/4	8-1/2	1	5-1/4	1-7/8
EXPWY.	36	5/8	7/8	10	1-3/16	6-1/4	2-1/4
SPECIAL	48	3/4	1-1/4	13-3/8	1-5/8	8-1/4	3

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — YELLOW (REFL)

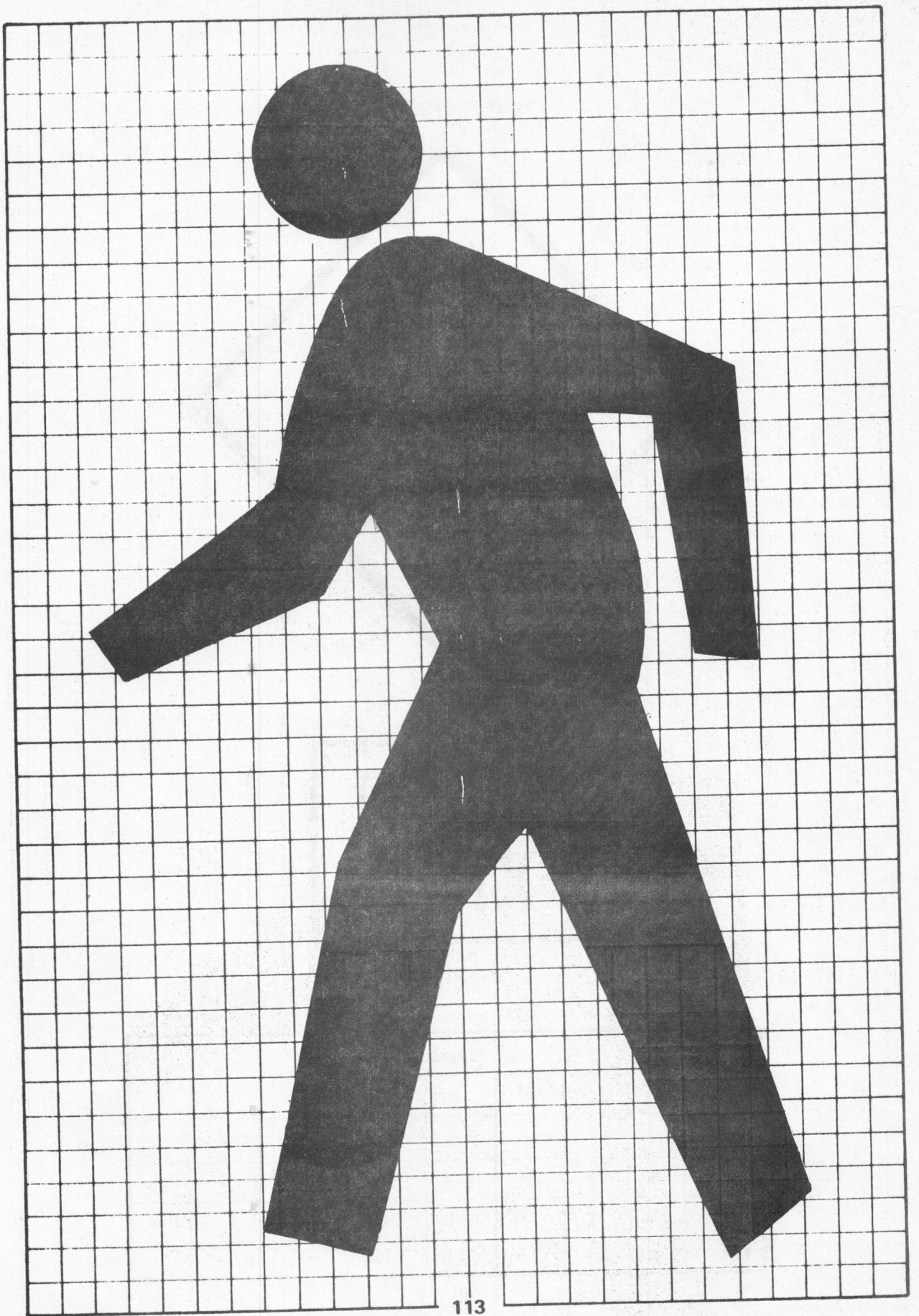


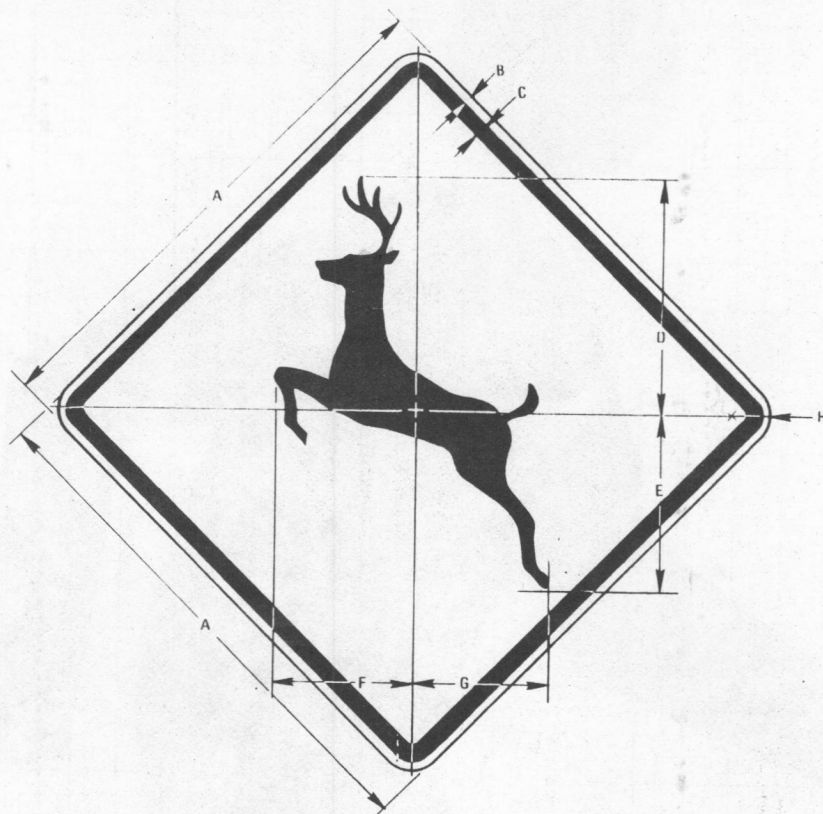


SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MIN.	24	3/8	5/8	11	6-3/8	1-3/16	3-1/8	4-3/4	1-1/2
STD.	30	1/2	3/4	14	8	1-1/2	4	6	1-7/8
EXPWY.	36	5/8	7/8	16-3/4	9-5/8	1-13/16	4-3/4	7-1/4	2-1/4
SPECIAL	48	3/4	1-1/4	22	12-3/4	2-3/8	6-1/4	9-1/2	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)

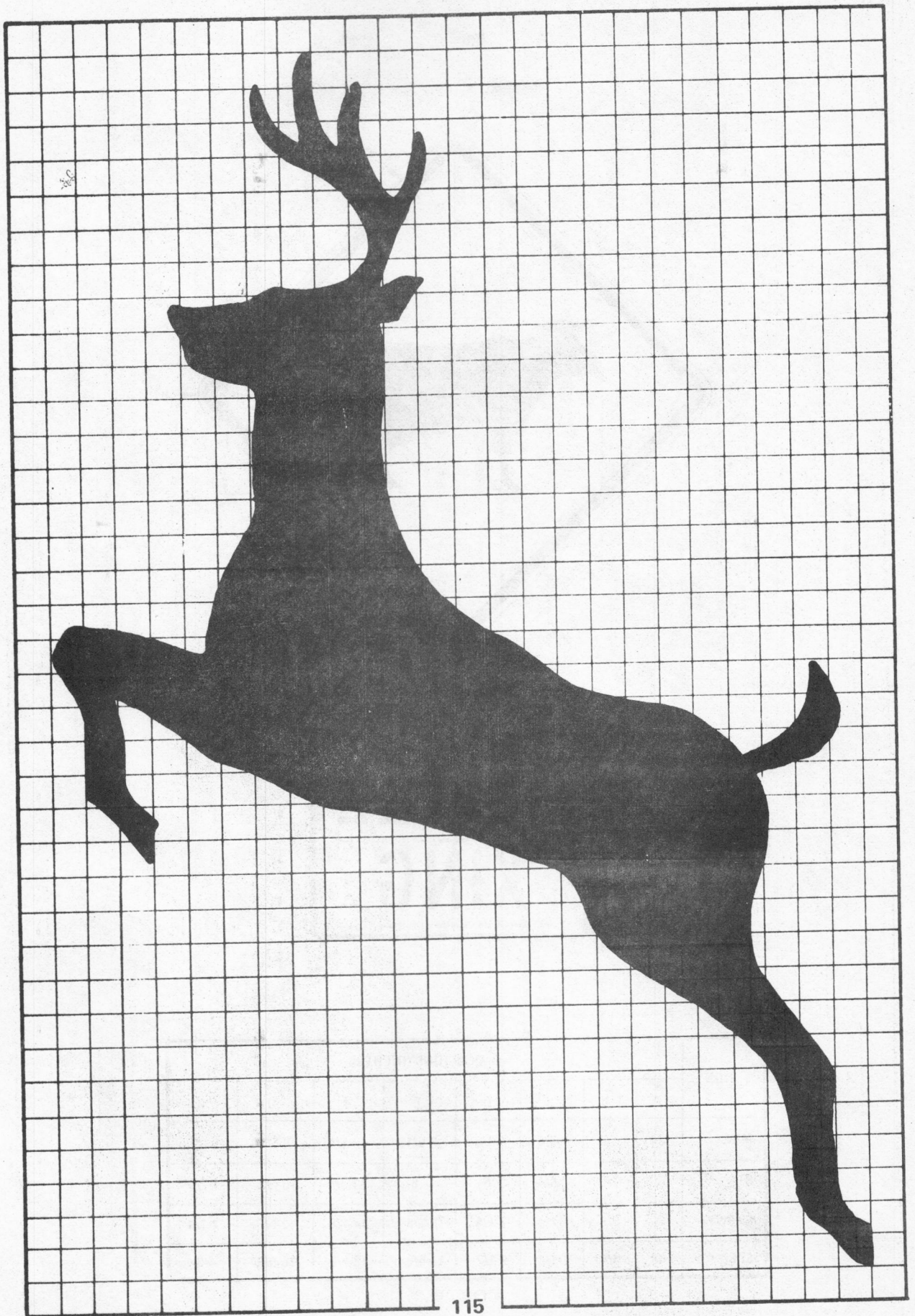


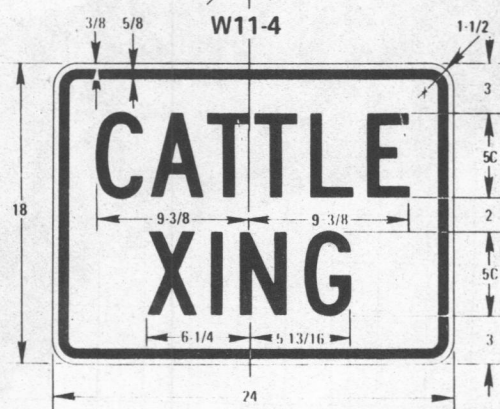
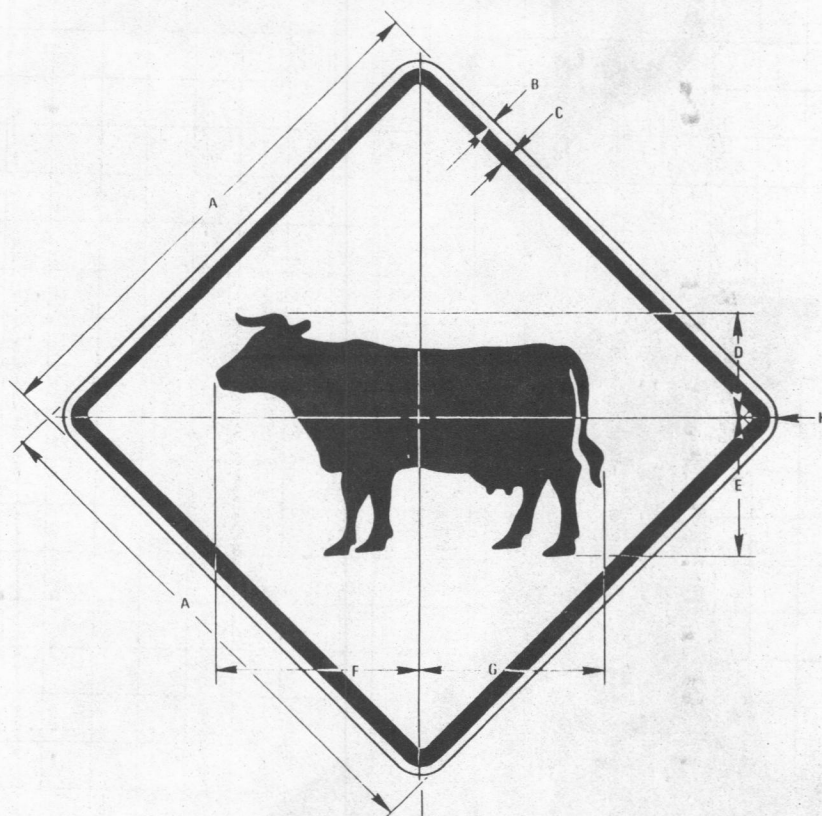


SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN.	24	3/8	5/8	10-5/8	7-7/8	6-1/2	5-7/8	1-1/2
STD.	30	1/2	3/4	13-1/2	10	8-1/4	7-1/2	1-7/8
EXPWY.	36	5/8	7/8	16-1/4	12	9-7/8	9	2-1/4
FWY.	48	3/4	1-1/4	21-1/4	15-3/4	13	11-3/4	3

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - YELLOW (REFL)

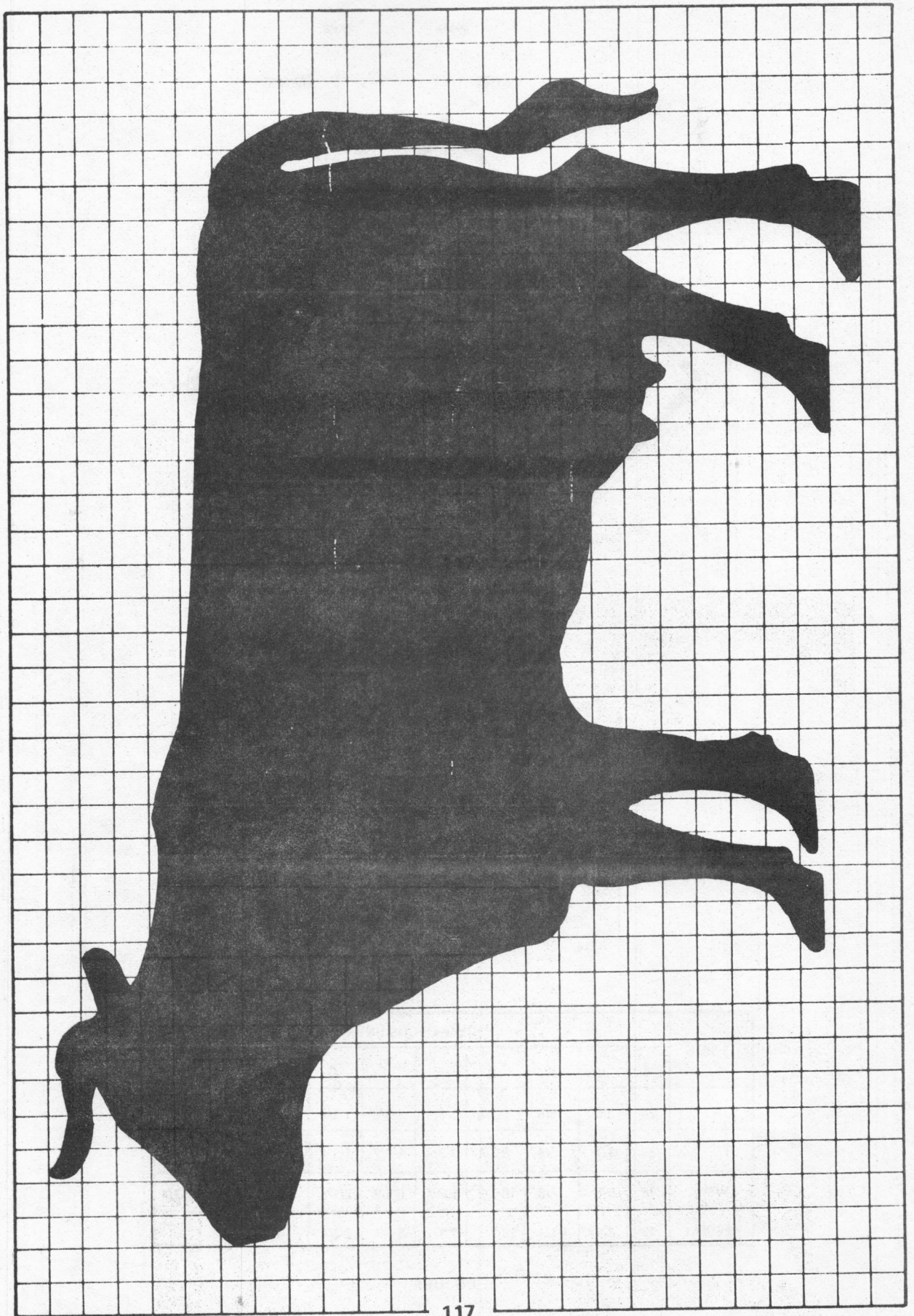


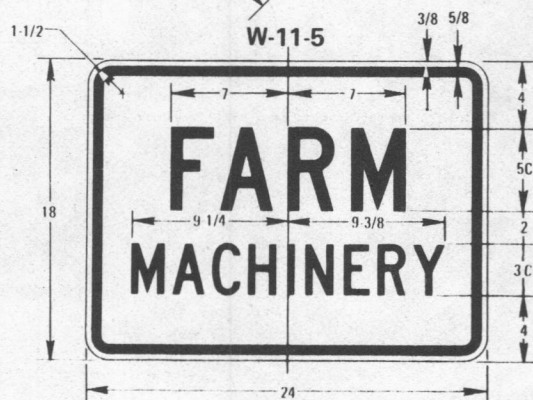
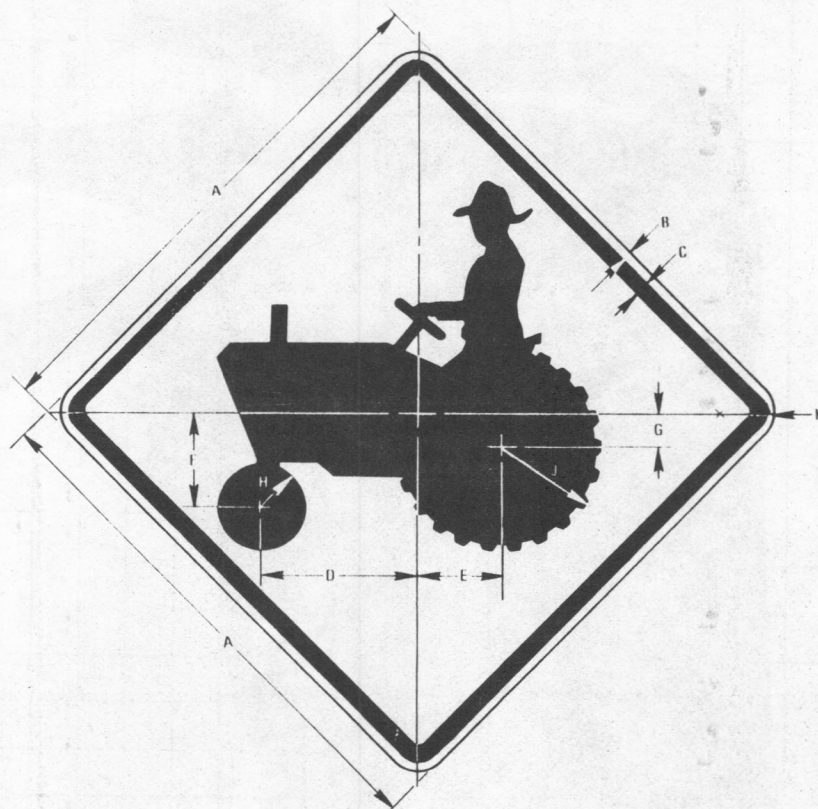


SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN.	24	3/8	5/8	4-3/4	6-5/16	9-1/4	8-5/16	1-1/2
STD.	30	1/2	3/4	6	8	11-3/4	10-1/2	1-7/8
EXPWY.	36	5/8	7/8	7-1/4	9-5/8	14-1/8	12-5/8	2-1/4
SPECIAL	48	3/4	1-1/4	9-1/2	12-5/8	18-1/2	16-5/8	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)

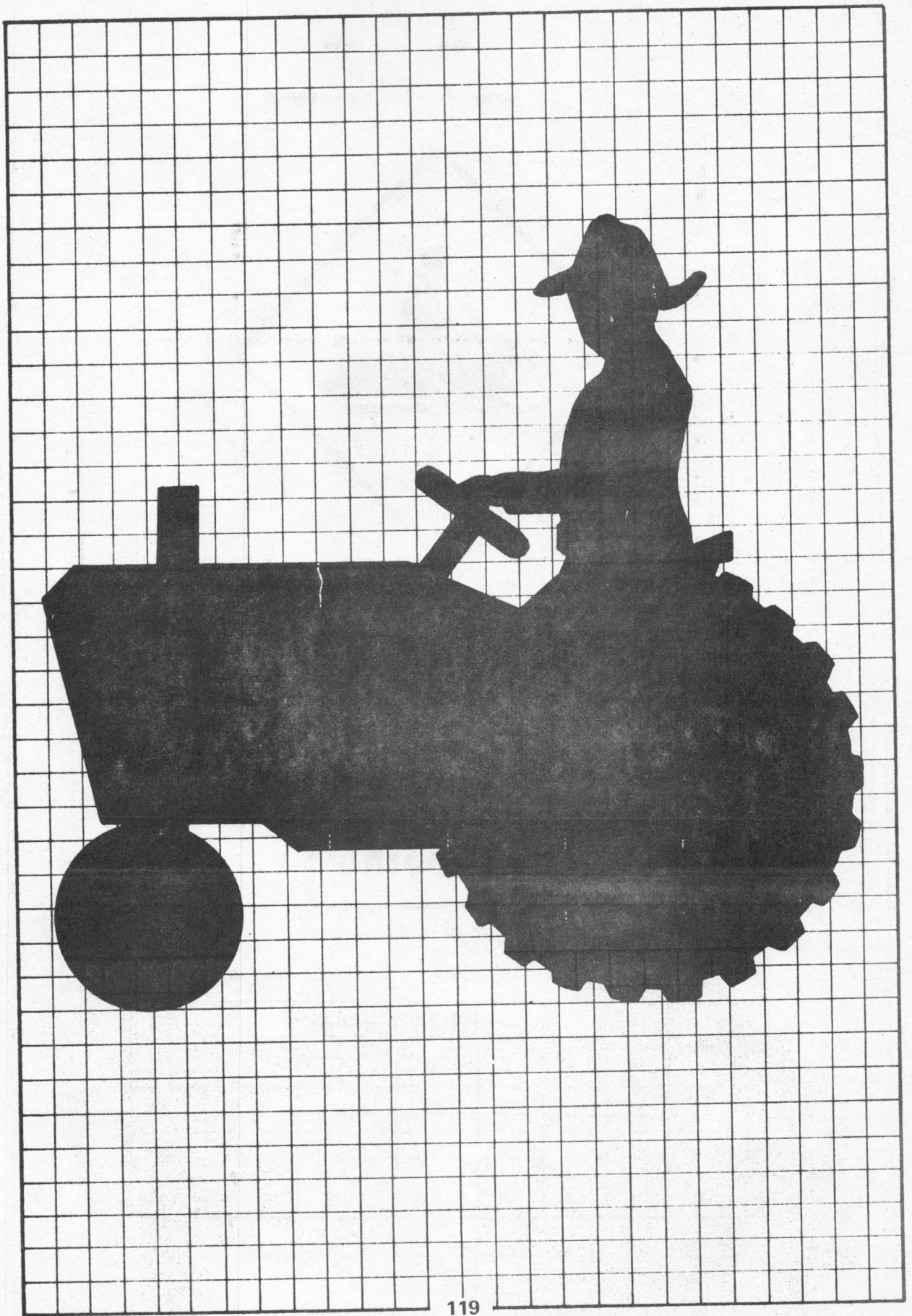




SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
MIN.	24	3/8	5/8	6-7/8	3-3/4	4-3/8	1-3/8	2	4-3/4	1-1/2
STD.	30	1/2	3/4	8-3/4	4-3/4	5-1/2	1-3/4	2-1/2	6	1-7/8
EXPWY.	36	5/8	7/8	10-1/2	5-3/4	6-5/8	2-1/8	3	7-1/4	2-1/4
SPECIAL	48	3/4	1-1/4	13-3/4	7-1/2	8-3/4	2-3/4	4	9-1/2	3

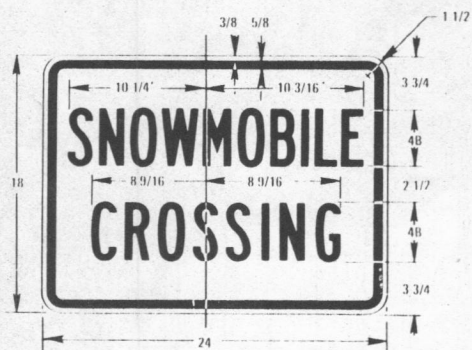
COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - YELLOW (REFL)





W11-6

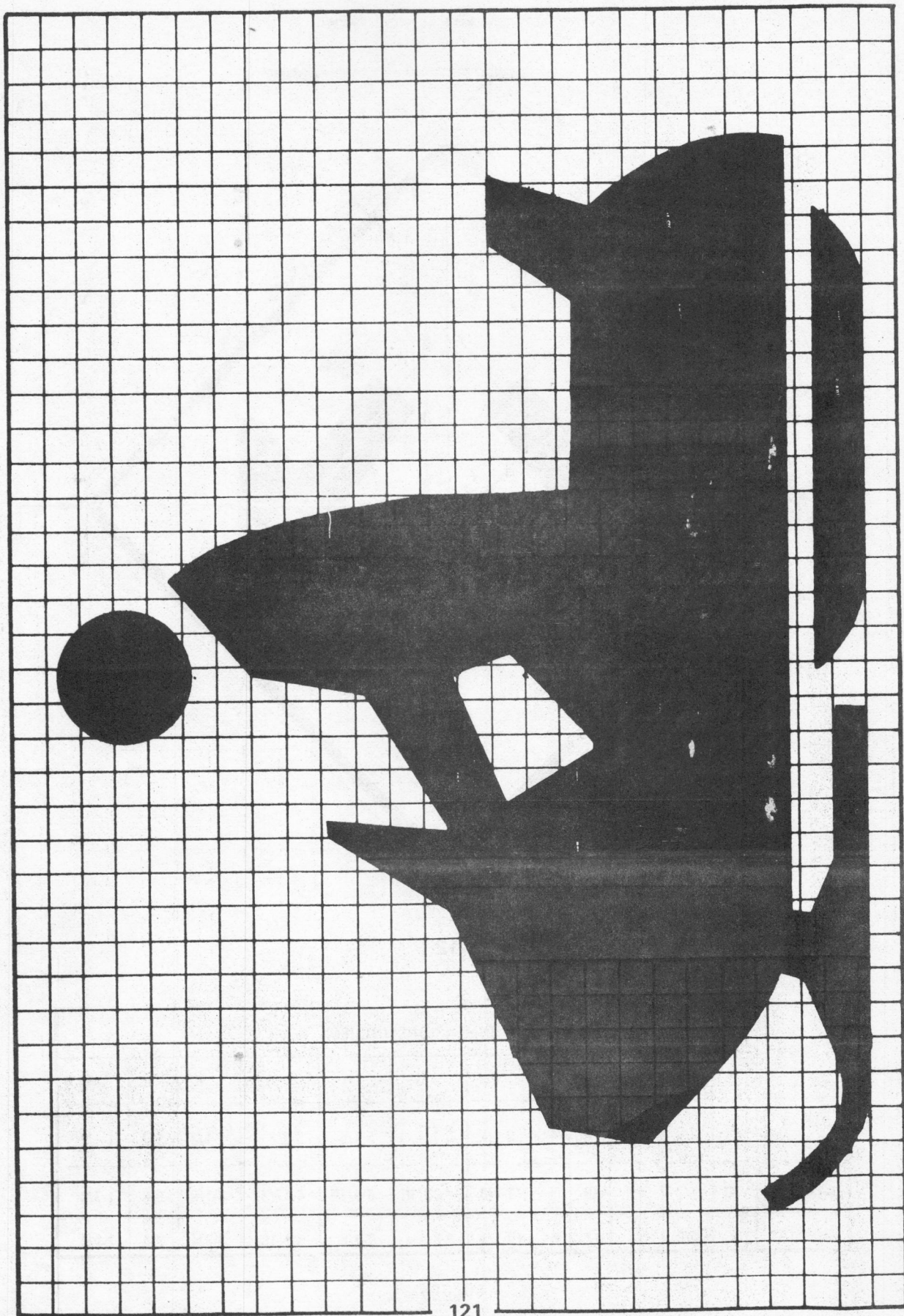


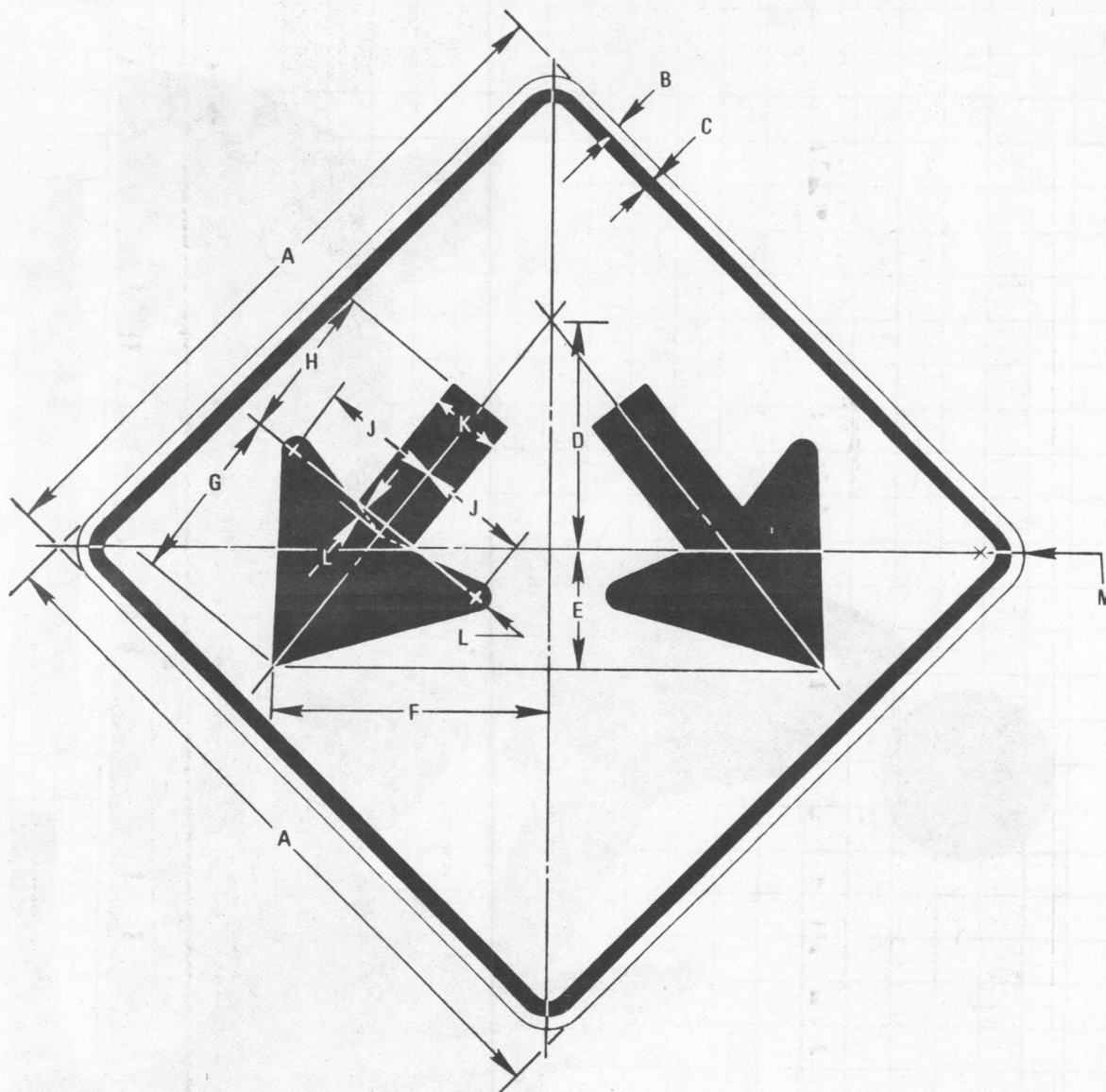
* Reduce spacing 40%

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
MIN.	24	3/8	5/8	7-3/8	4-11/16	8-7/8	1-1/2
STD.	30	1/2	3/4	9-3/16	5-7/8	10-1/16	1-7/8
SPECIAL	36	5/8	7/8	11-1/16	7-1/16	13-1/4	2-1/4

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - YELLOW (REFL)



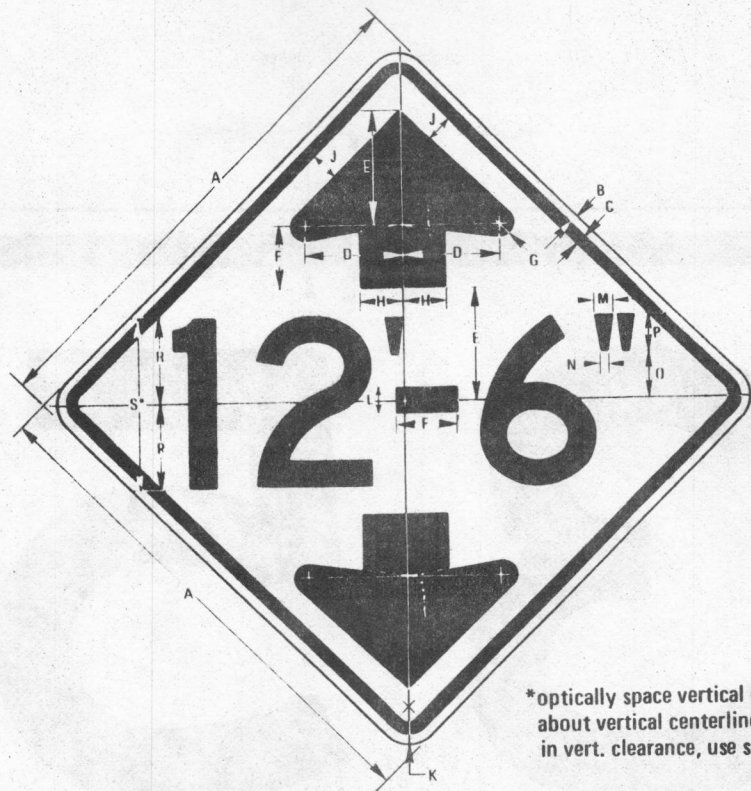


W12-1

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
STD. & MIN.	24	3/8	5/8	8	4	9-1/2	6-1/4	5-1/4	3-5/8	2-1/2	1/2	1-1/2
SPECIAL	30	1/2	3/4	10	5	11-7/8	7-13/16	6-9/16	4-17/32	3-1/8	5/8	1-7/8
SPECIAL	36	5/8	7/8	12	6	14-1/4	9-3/8	7-7/8	5-7/16	3-3/4	3/4	2-1/4

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)



*optically space vertical clearance numerals about vertical centerline (where 10" is used in vert. clearance, use series C numerals)

W12-2



**Reduce spacing 50%

SIGN	DIMENSIONS (INCHES)																
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
MIN.	30	1/2	3/4	5-3/4	6-5/8	3-3/4	3/4	2-1/2	1-11/16	1-7/8	1-9/16	1	7/16	2-1/4	3-5/16	5	10D
STD. & EXPWY.	36	5/8	7/8	6-7/8	8	4-1/2	1	3	2	2-1/4	1-7/8	1-1/4	1/2	2-3/4	4	6	12D
FWY.	48	3/4	1-1/4	9-3/16	10-5/8	5-7/8	1-5/16	4	2-5/8	3	2-7/16	1-5/8	5/8	3-5/8	5-1/2	8	16D

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - YELLOW (REFL)



W13-1

*Increase spacing 100%

**Optically space numerals about vert. centerline.

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
STD.	18	3/8	5/8	2-1/2	8E	2	3E	5-5/16	1-1/2
SPECIAL	24	3/8	5/8	3-5/8	10E	2-3/4	4E	7-1/16	1-1/2

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)



W13-2

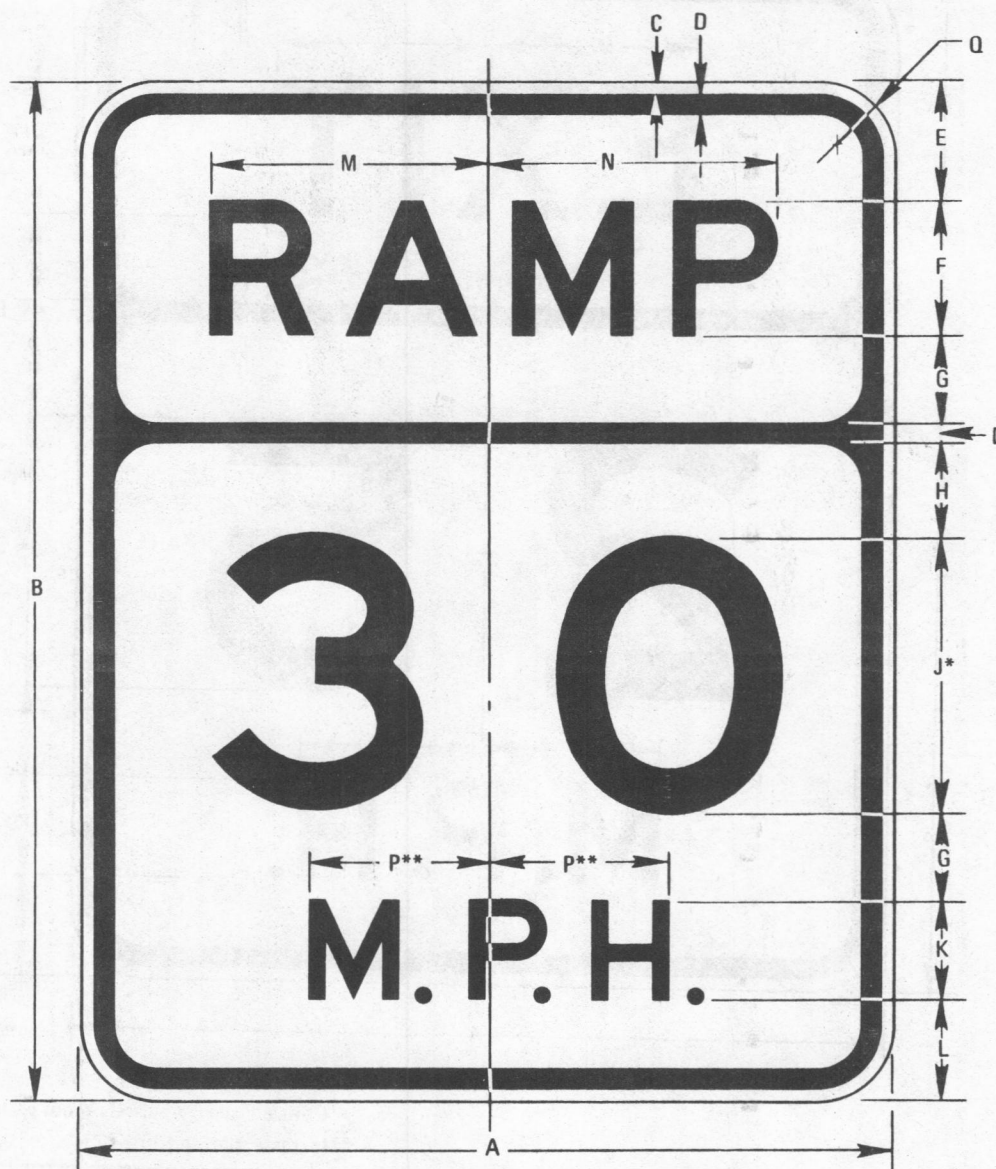
*Optically space numerals about vertical centerline

**Increase spacing 100%

SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
MIN. & STD.	24	30	3/8	5/8	3-1/2	4E	2-1/2	2-7/8	8E	3E	3	6-1/8	6-3/8	5-5/16	1-1/2
EXPWY.	36	48	5/8	7/8	6	6E	4	5-1/8	12E	4E	6	9-1/4	9-1/2	7-1/16	2-1/4
FWY.	48	60	3/4	1-1/4	7	8E	5	5-3/4	16E	6E	6	12-1/4	12-3/4	10-5/8	3

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — YELLOW (REFL)



W13-3

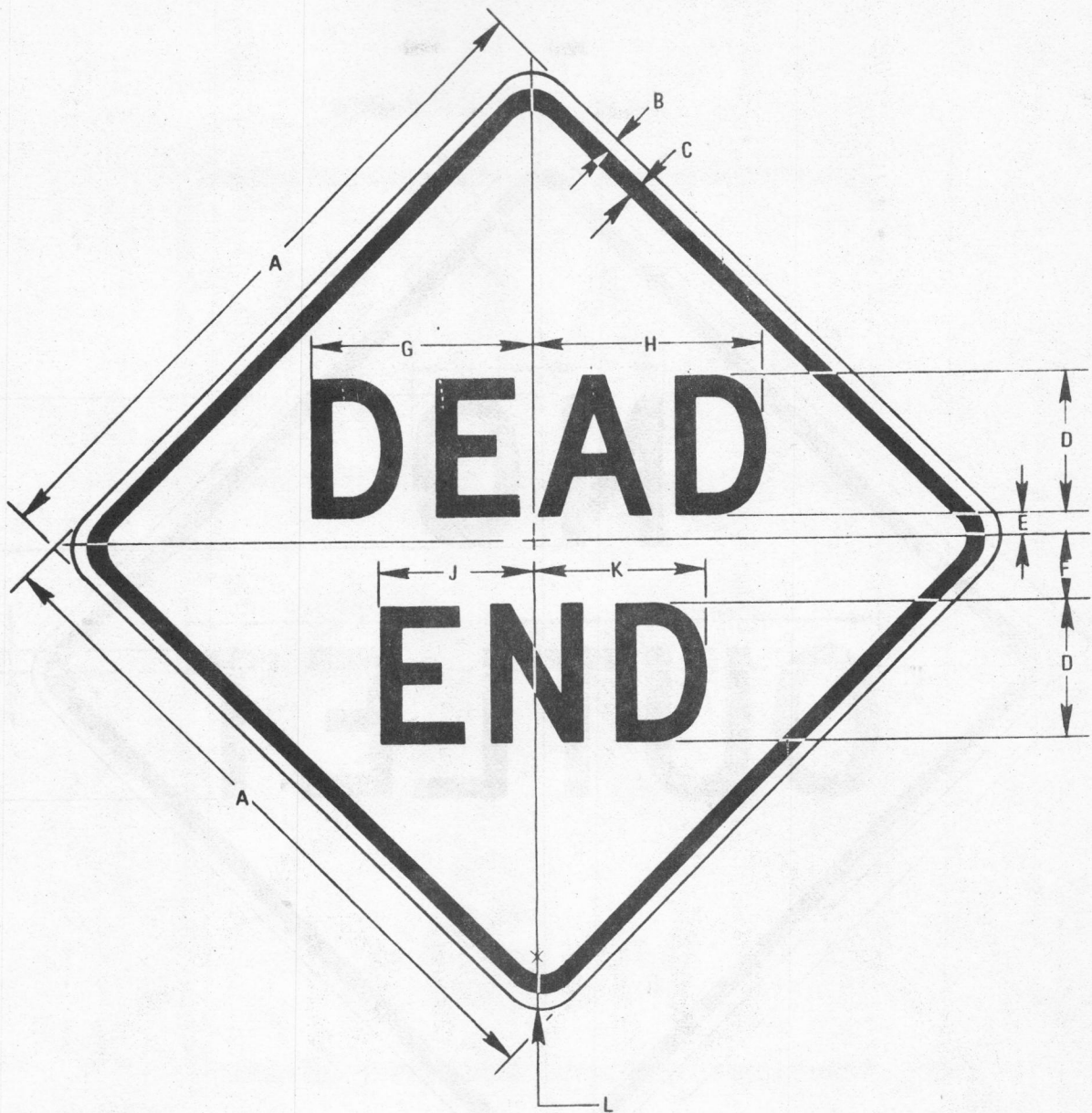
*Optically space numerals about vertical centerline

**Increase spacing 100%

SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
MIN. & STD.	24	30	3/8	5/8	3-1/2	4E	2-1/2	2-7/8	8E	3E	3	8-1/4	8-1/2	5-5/16	1-1/2
EXPWY.	36	48	5/8	7/8	6	6E	4	5-1/8	12E	4E	6	12-3/8	12-3/4	7-1/16	2-1/4
FWY.	48	60	3/4	1-1/4	7	8E	5	5-3/4	16E	6E	6	16-1/2	17	10-5/8	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)



W14-1

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	24	3/8	5/8	5D	1	2	8-1/4	8-9/16	5-5/8	6-1/4	1-1/2
STD.	30	1/2	3/4	6D	1-1/2	2-1/2	9-3/4	10-1/4	6-3/4	7-1/2	1-7/8
SPECIAL	36	5/8	7/8	7D	2	3	11 3/8	11 15/16	7-7/8	8 3/4	2-1/4

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — YELLOW (REFL)

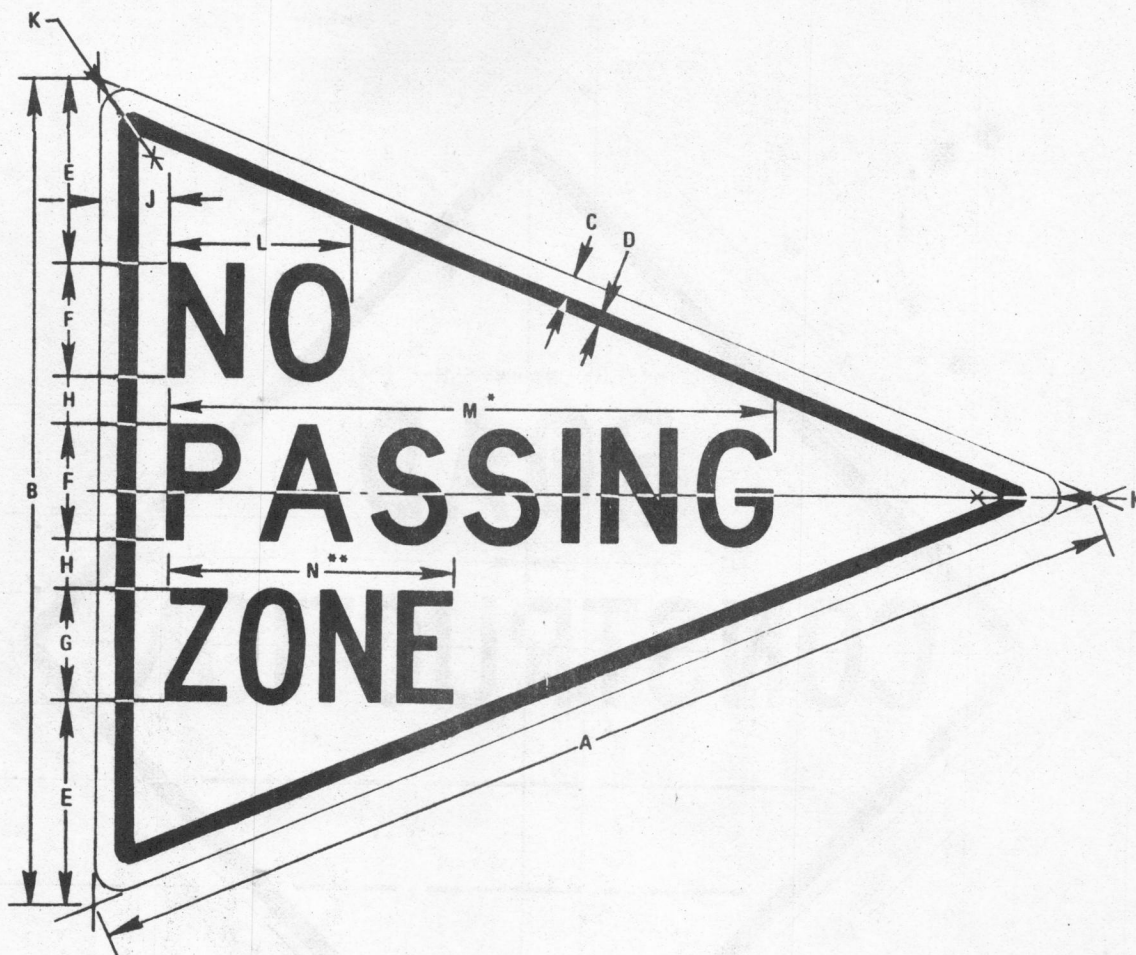


W14-2

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	24	3/8	5/8	5D	3	3/4	4-1/8	4-1/2	11-5/8	12-1/16	1-1/2
STD.	30	1/2	3/4	6D	4	15/16	5	5-3/8	13-15/16	14-1/2	1-7/8
SPECIAL	36	5/8	7/8	7D	5	1-1/8	5-7/8	6-1/4	16-1/4	16-15/16	2-1/4

COLORS

LEGEND - BLACK (NON-REFL)
 BACKGROUND - YELLOW (REFL)



W14-3

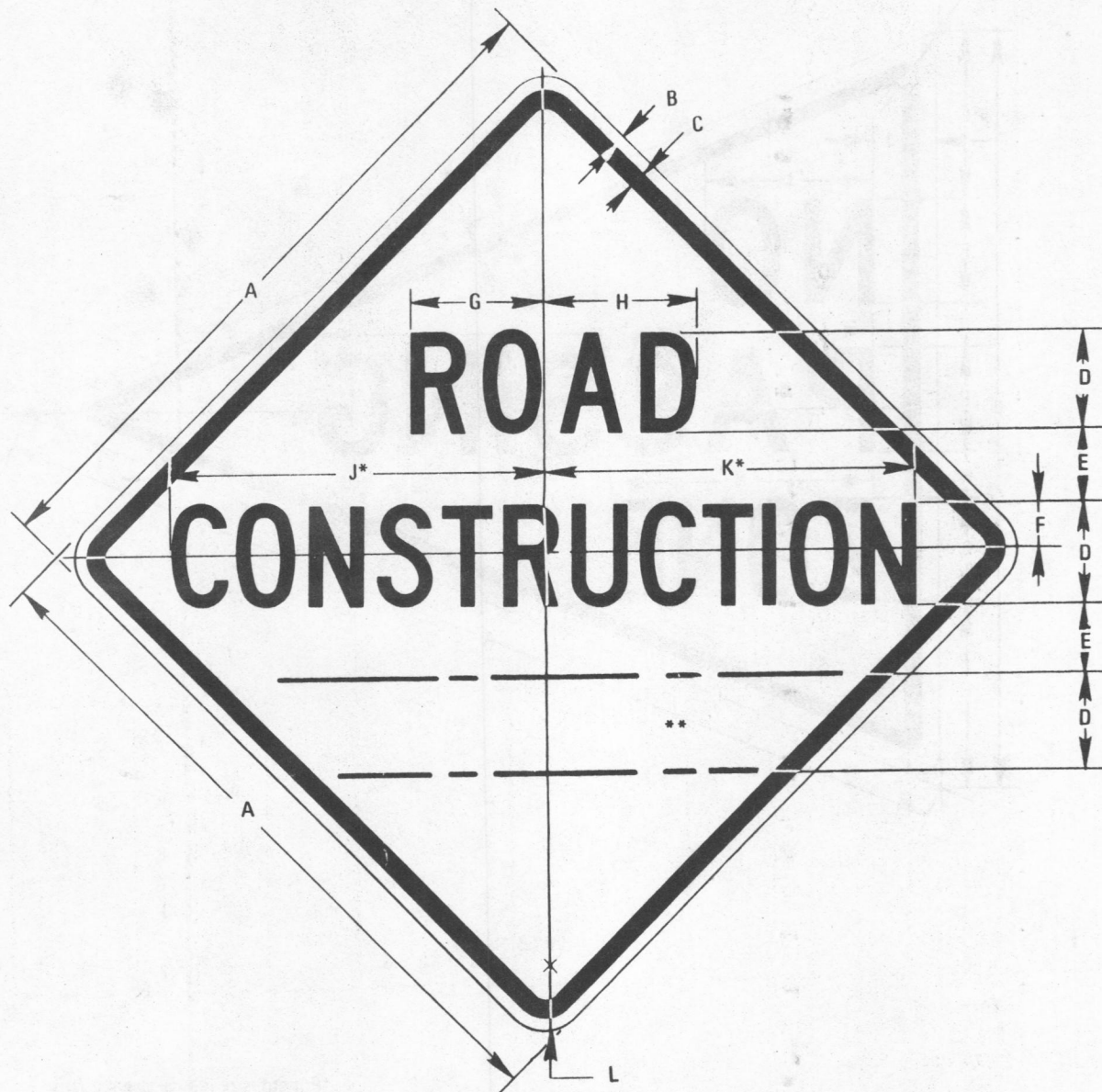
*For std. size reduce spacing 20%

**For std. size reduce spacing 35%

SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	N
MIN.	40	30	1/2	3/4	7-1/4	4D	4C	1-3/4	2-1/2	1-7/8	6-1/2	22-9/16	11-1/16
STD.	48	36	5/8	7/8	8-1/2	5D	5C	2	3	2-1/4	8	26-13/16	12-3/4
SPECIAL	64	48	3/4	1-1/4	12	6D	6C	3	4	3	10-3/4	33-11/16	16-9/16

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)



W20-1

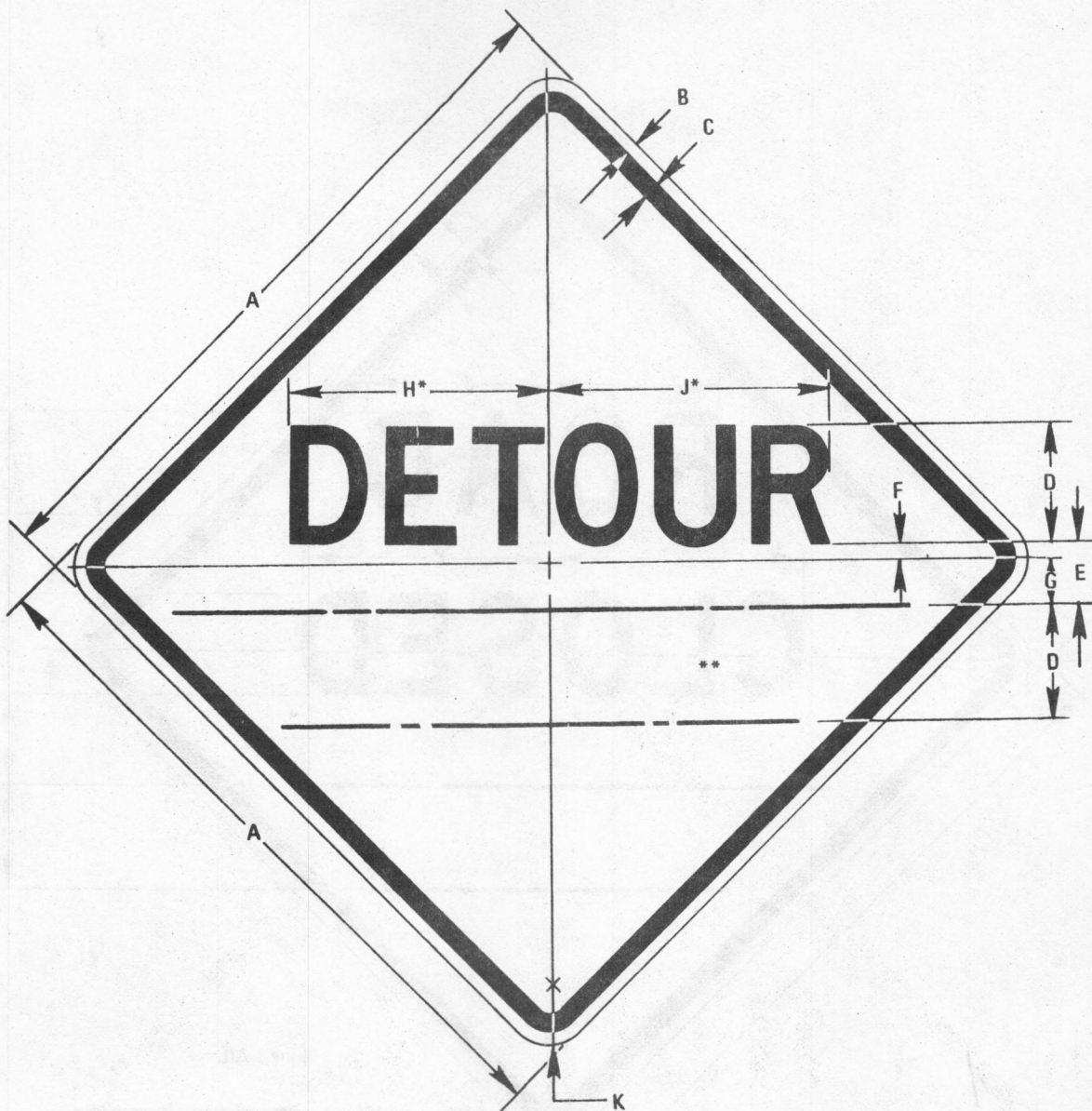
*For std. size, reduce spacing 40%

**See APPENDIX for distance details

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	36	5/8	7/8	5C	3-5/8	2-1/2	6-7/8	7-1/8	20-5/8	20-1/4	2-1/4
STD.	48	3/4	1-1/4	7C	4-3/4	3-1/2	9-1/2	9-13/16	26	25-1/2	3
SPECIAL	60	1	1-1/2	8C	5-1/2	4	11	11-3/8	33	32-3/8	3-3/4

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — ORANGE



W20-2

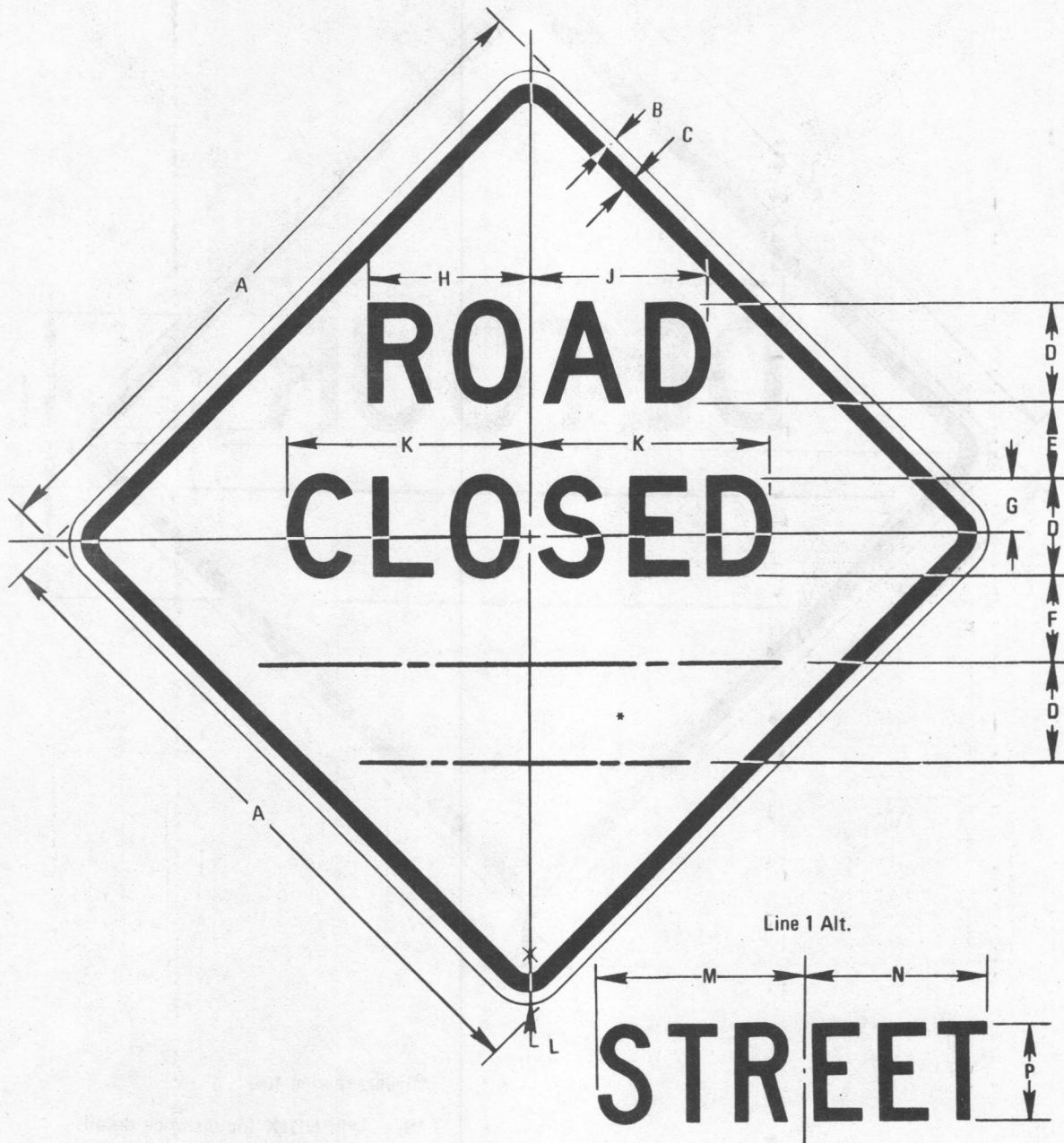
*Reduce spacing 40%

**See APPENDIX for distance details

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
MIN.	36	5/8	7/8	6D	3-1/2	7/8	2-5/8	13-1/2	13-3/4	2-1/4
STD.	48	3/4	1-1/4	8D	4-3/4	1-1/4	3-1/2	18	18-7/16	3

COLORS

LEGEND — BLACK (NON REFL)
BACKGROUND — ORANGE



W20-3

*See APPENDIX for distance details

SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
MIN.	36	5/8	7/8	5D	3-1/2	3-3/4	3-1/4	8-3/8	8-7/8	12-5/16	2-1/4	10	9-5/8	5C
STD.	48	3/4	1-1/4	7D	4-3/4	5-1/4	4-1/2	11-11/16	12-7/16	17-1/4	3	14	13-1/2	7C

COLORS

LEGEND - BLACK (NON REFL)
BACKGROUND - ORANGE



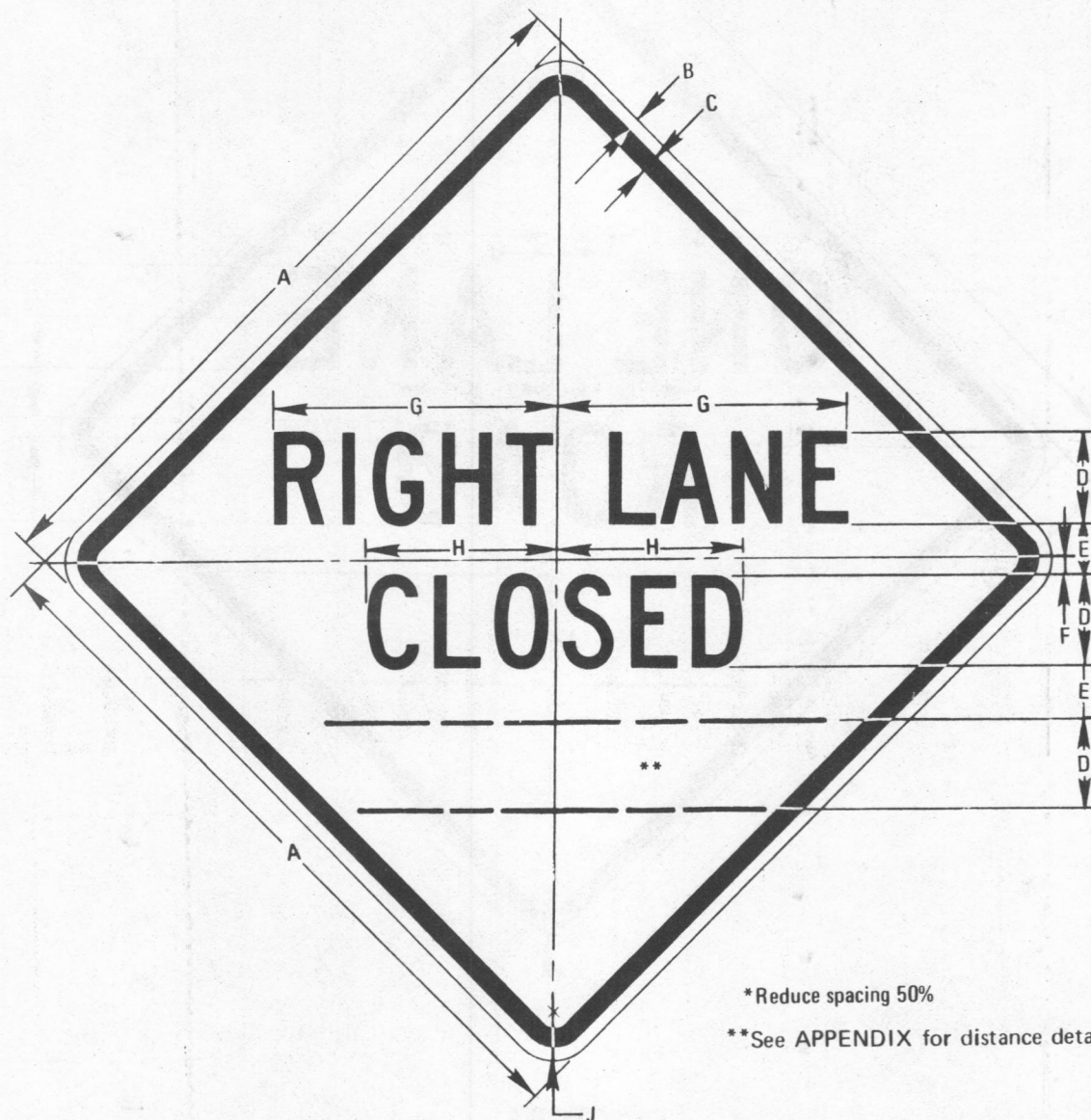
W20-4

*See APPENDIX for distance details

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	36	5/8	7/8	5C	2-1/4	1-1/4	13-1/8	12-5/8	3/8	7	2-1/4
STD.	48	3/4	1-1/4	7C	3-1/8	1-3/4	18-1/2	17-3/4	1/2	9-11/16	3

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - ORANGE



*Reduce spacing 50%

**See APPENDIX for distance details

LINE 1 ALTERNATES

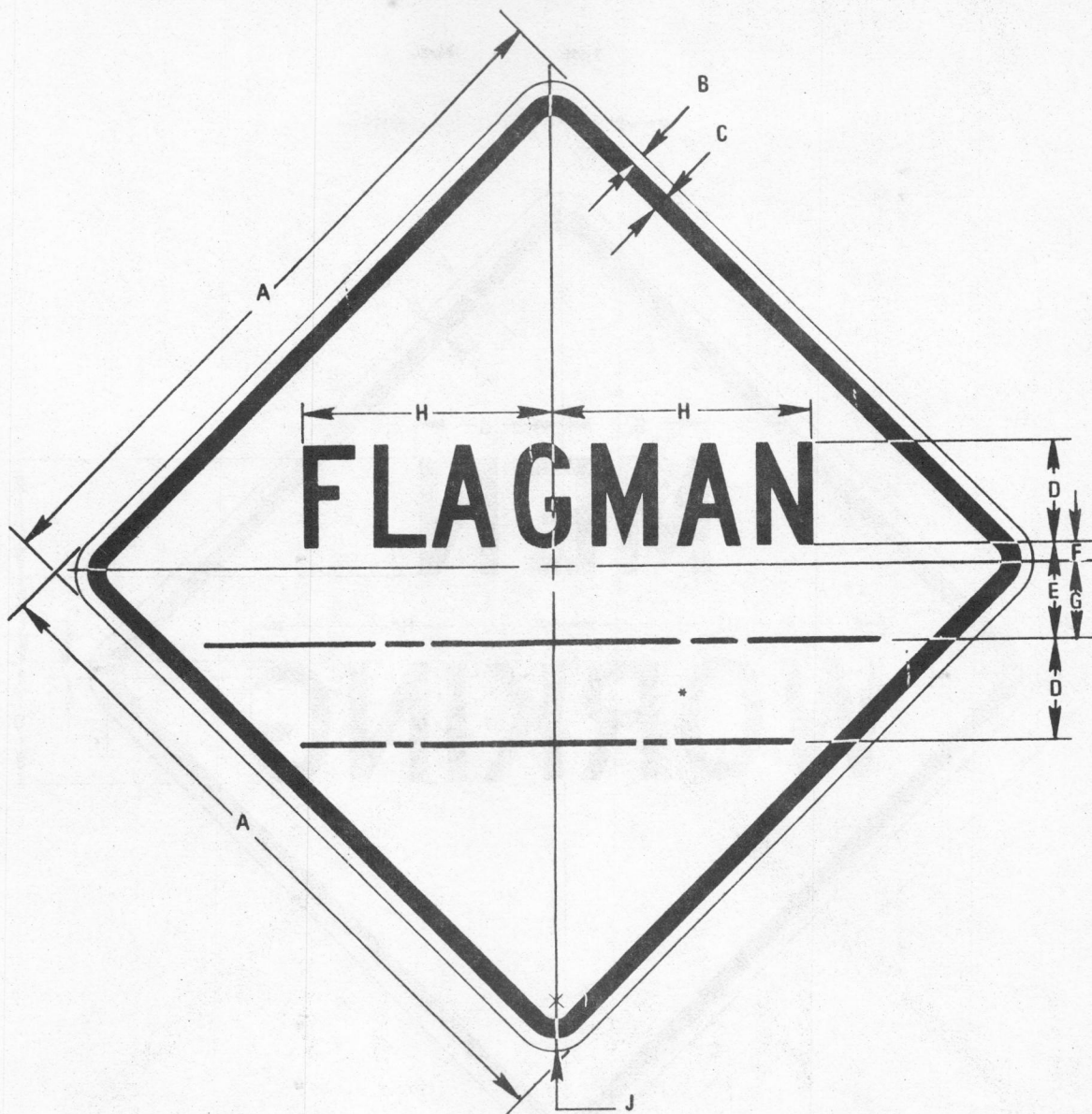
W20-5

LEFT LANE CENTER LANE

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
MIN.	36	5/8	7/8	5C	2-3/4	3/8	15-3/4	12-5/16	2-1/4	14-1/2	16 1/4	15 3/4
STD.	48	3/4	1-1/4	6C	3-3/8	1/2	19	14-3/4	3	17-7/16	20-3/8	19-3/8

COLORS

LEGEND — BLACK (NON. REFL)
BACKGROUND — ORANGE



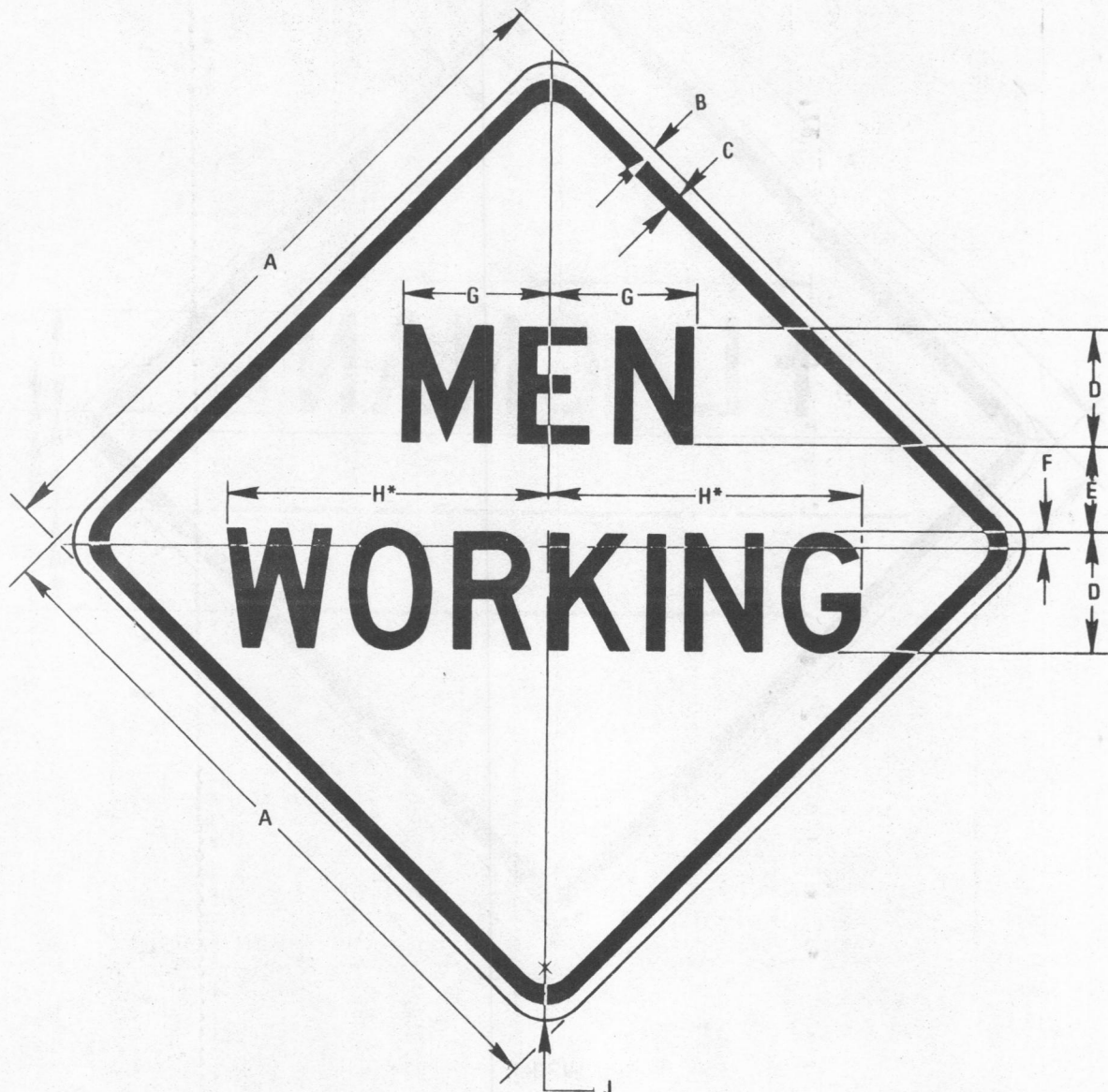
W20-7

*See APPENDIX for distance details

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MiN.	36	5/8	7/8	5C	4-1/2	1	3-1/2	12-5/16	2-1/4
STD.	48	3/4	1-1/4	7C	6-1/4	1-1/2	4-3/4	17-1/4	3

COLORS

LEGEND — BLACK (NON REFL)
BACKGROUND — ORANGE



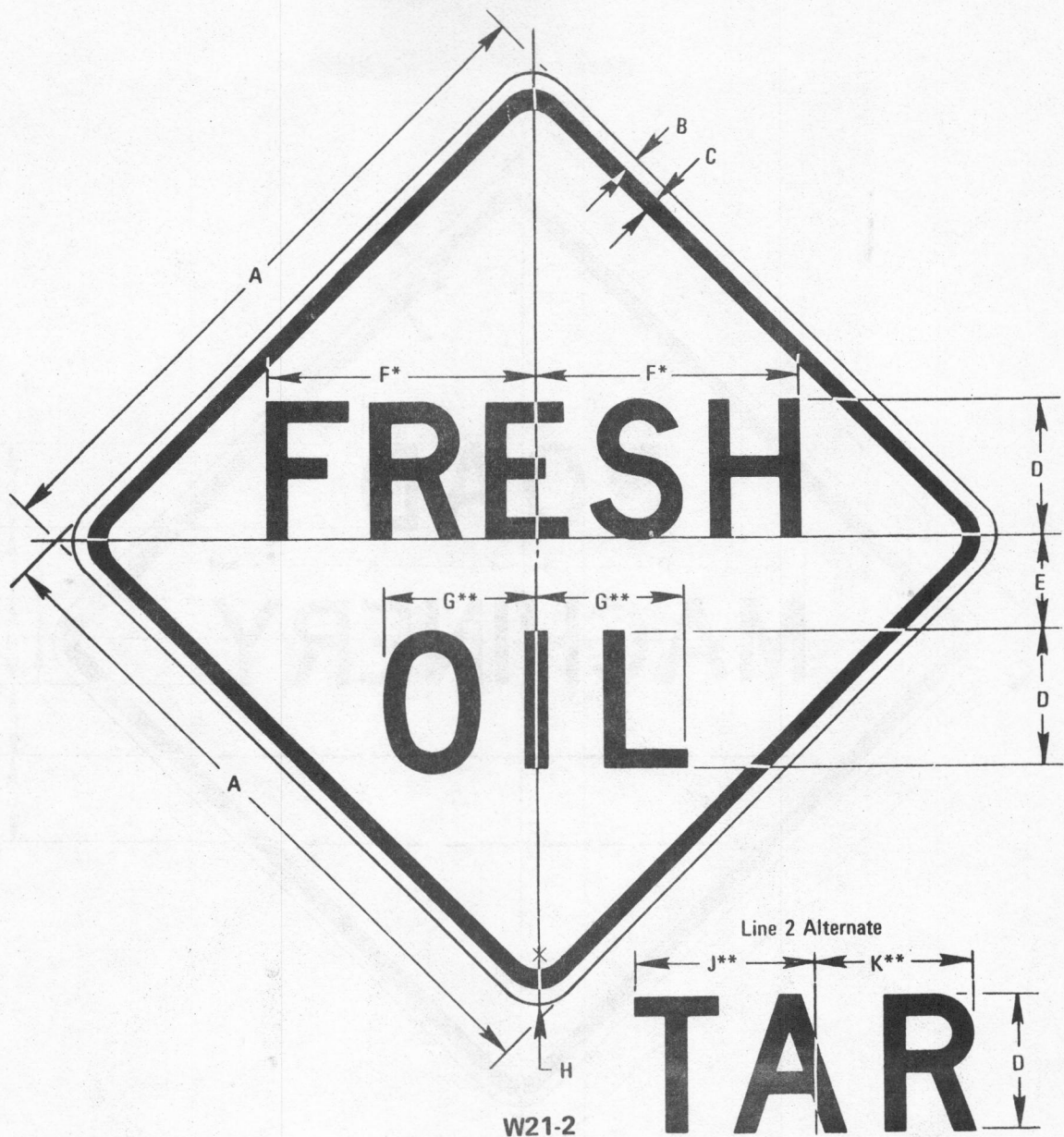
W21-1

*Reduce spacing 25%

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MIN.	24	3/8	5/8	4D	3	1/2	5	10-7/8	1-1/2
STD.	30	1/2	3/4	5D	3-3/4	5/8	6-3/16	13-9/16	1-7/8
SPECIAL	36	5/8	7/8	6D	4-1/2	3/4	7-7/16	16-1/4	2-1/4

COLORS

LEGEND — BLACK (NON REFL)
BACKGROUND — ORANGE



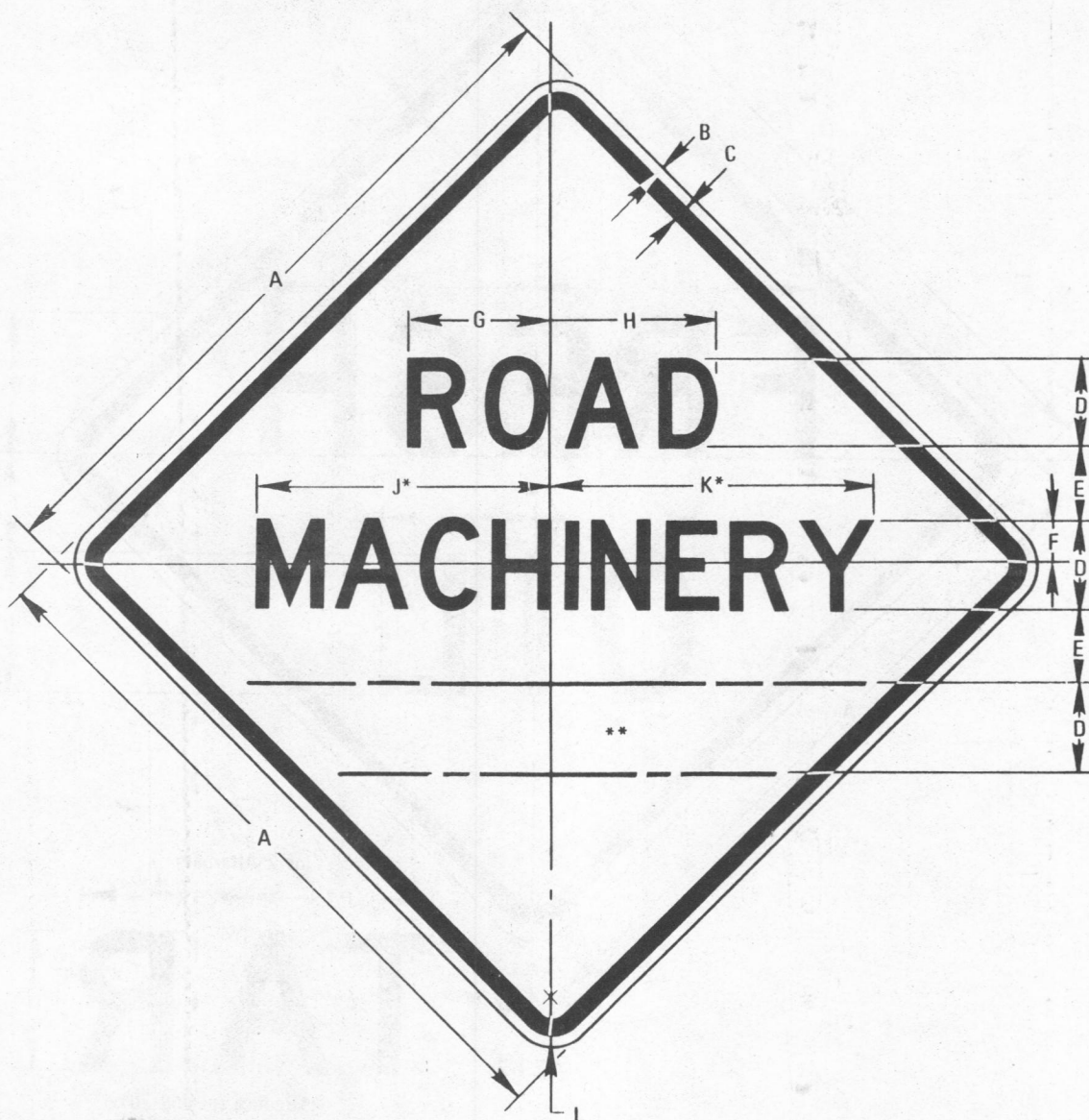
Line 2 Alternate

*Reduce spacing 20%
 **Increase spacing 50%

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
MIN.	24	3/8	5/8	5D	3	9-7/8	5-7/16	1-1/2	6-1/2	6
STD.	30	1/2	3/4	6D	4	11-3/4	6-9/16	1-7/8	7-3/8	7-1/8
SPECIAL	36	5/8	7/8	7D	5	13-11/16	7-5/8	2-1/4	9-1/4	8-1/4

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND ORANGE



W21-3

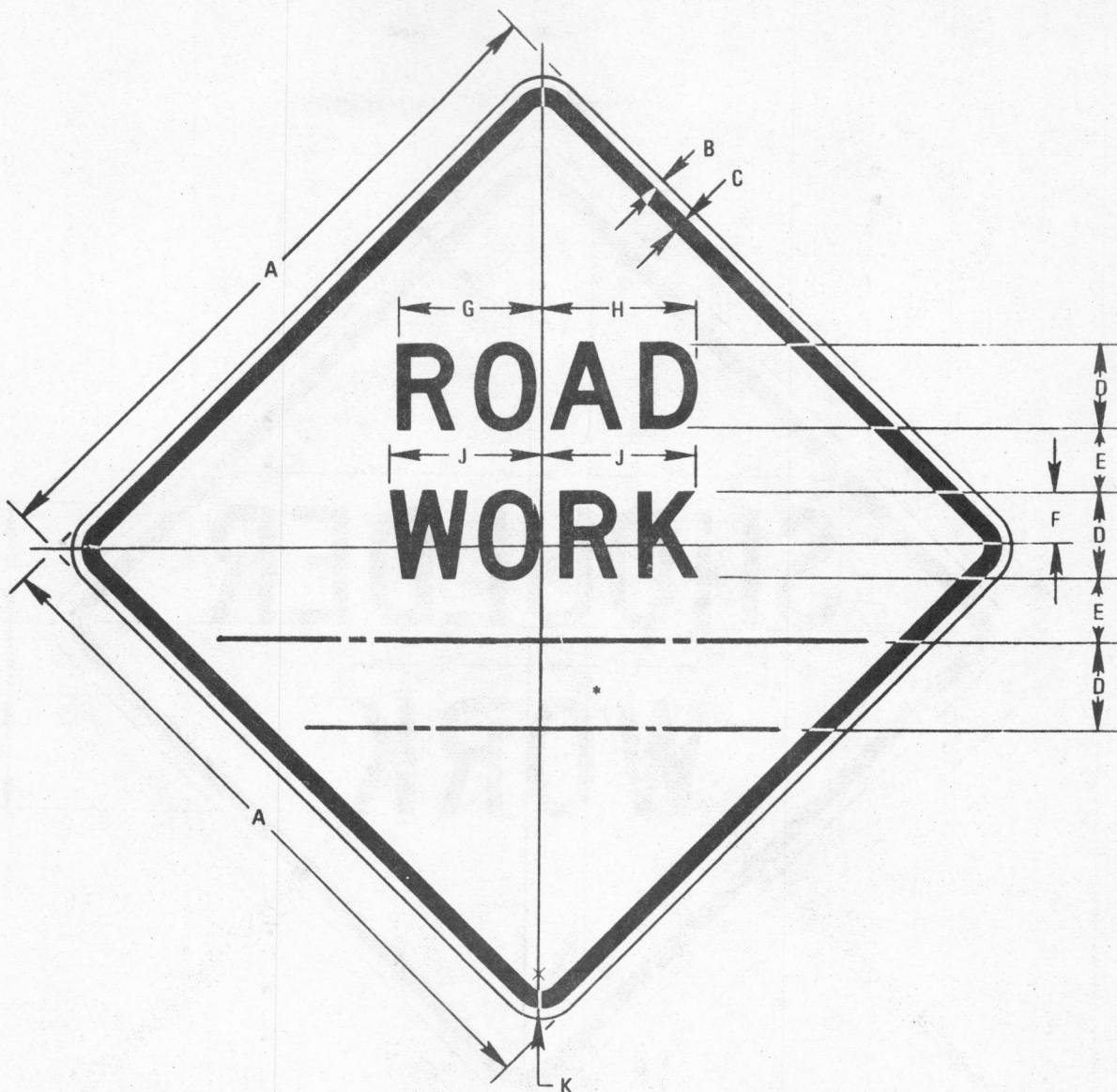
* Reduce spacing 40%

** See APPENDIX for distance details

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	30	1/2	3/4	4D	3-1/2	2	6-3/4	7	13-1/2	14	1-7/8
STD.	36	5/8	7/8	5D	4	2-1/2	8-3/8	8-7/8	16-13/16	17-9/16	2-1/4
SPECIAL	48	3/4	1-1/4	7D	5	3-1/2	11-11/16	12-7/16	23-5/8	24-5/8	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — ORANGE



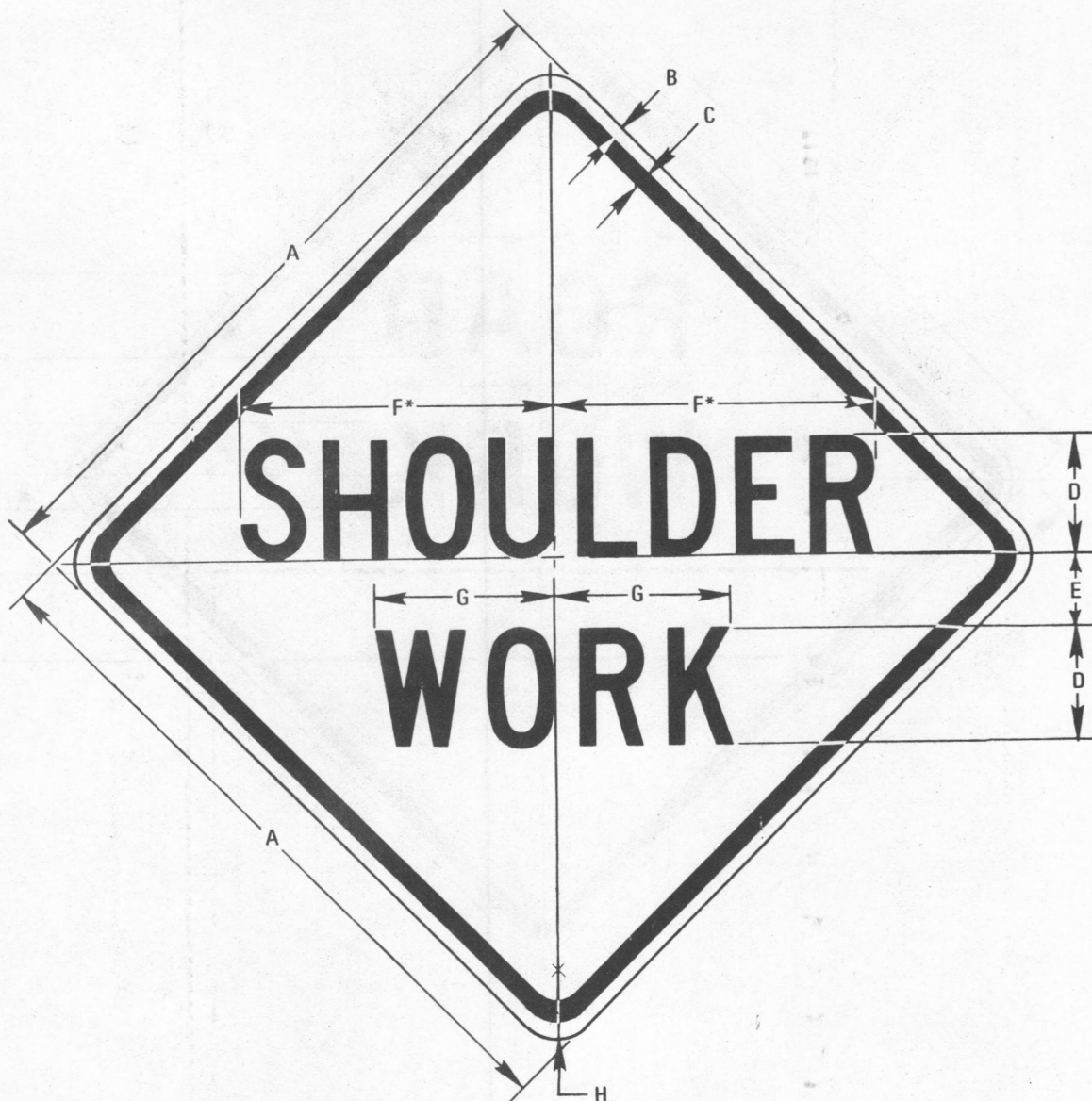
W21-4

*See APPENDIX for distance details

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
MIN.	30	1/2	3/4	4D	2-7/8	2-5/8	6-3/4	7	7-3/16	1-7/8
STD.	36	5/8	7/8	5D	3-1/2	3-1/4	8-3/8	8-7/8	9	2-1/4
SPECIAL	48	3/4	1-1/4	7D	4-3/4	4-1/2	11-11/16	12-7/16	12-5/8	3

COLORS

LEGEND - BLACK (NON REFL)
BACKGROUND - ORANGE



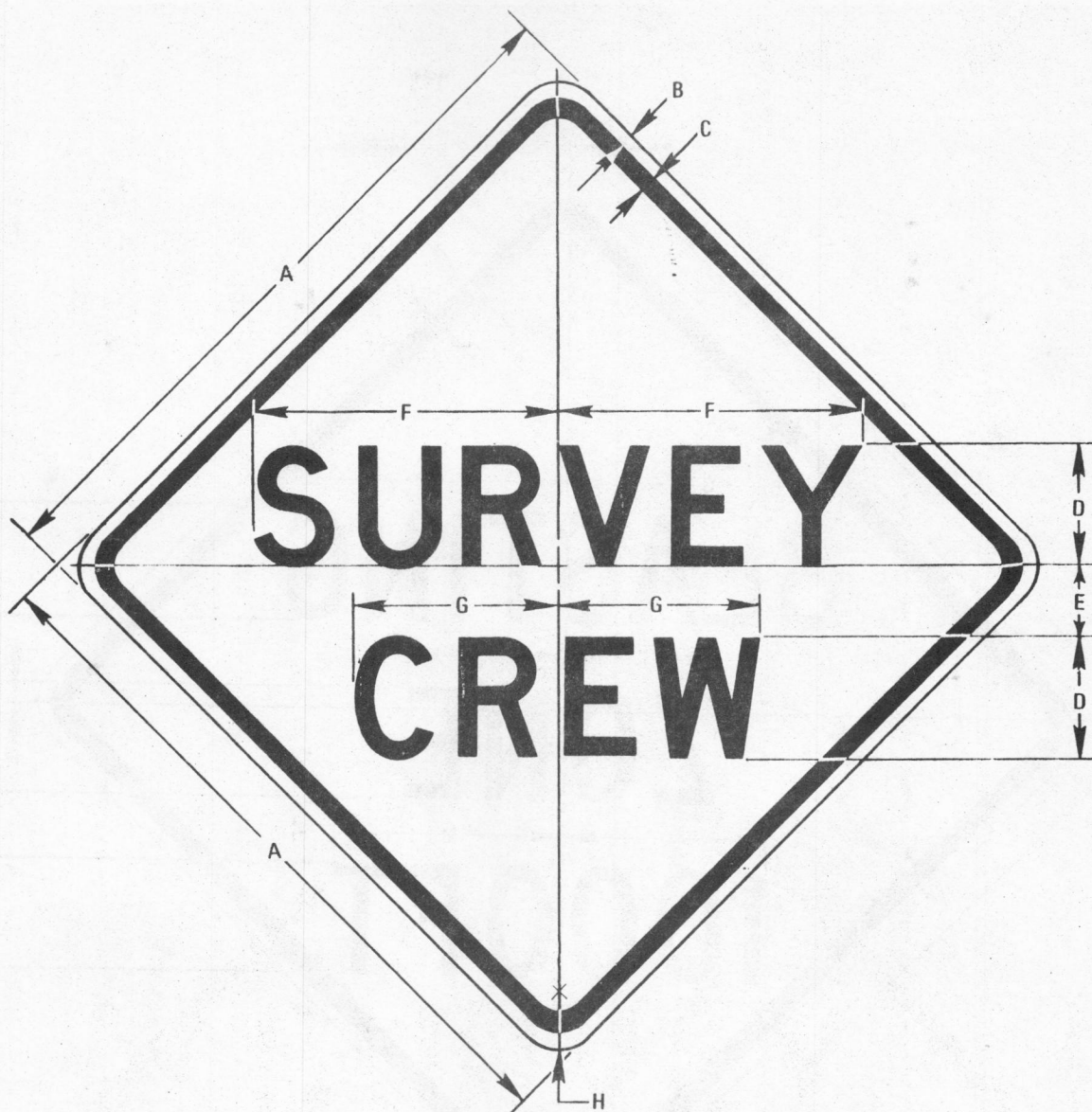
W21-5

* Reduce spacing 25%

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN.	24	3/8	5/8	4C	2-1/2	10-11/16	6	1-1/2
STD.	30	1/2	3/4	5C	3	13-3/8	7-1/2	1-7/8
SPECIAL	36	5/8	7/8	6C	3-1/2	16-1/16	9	2-1/4

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — ORANGE

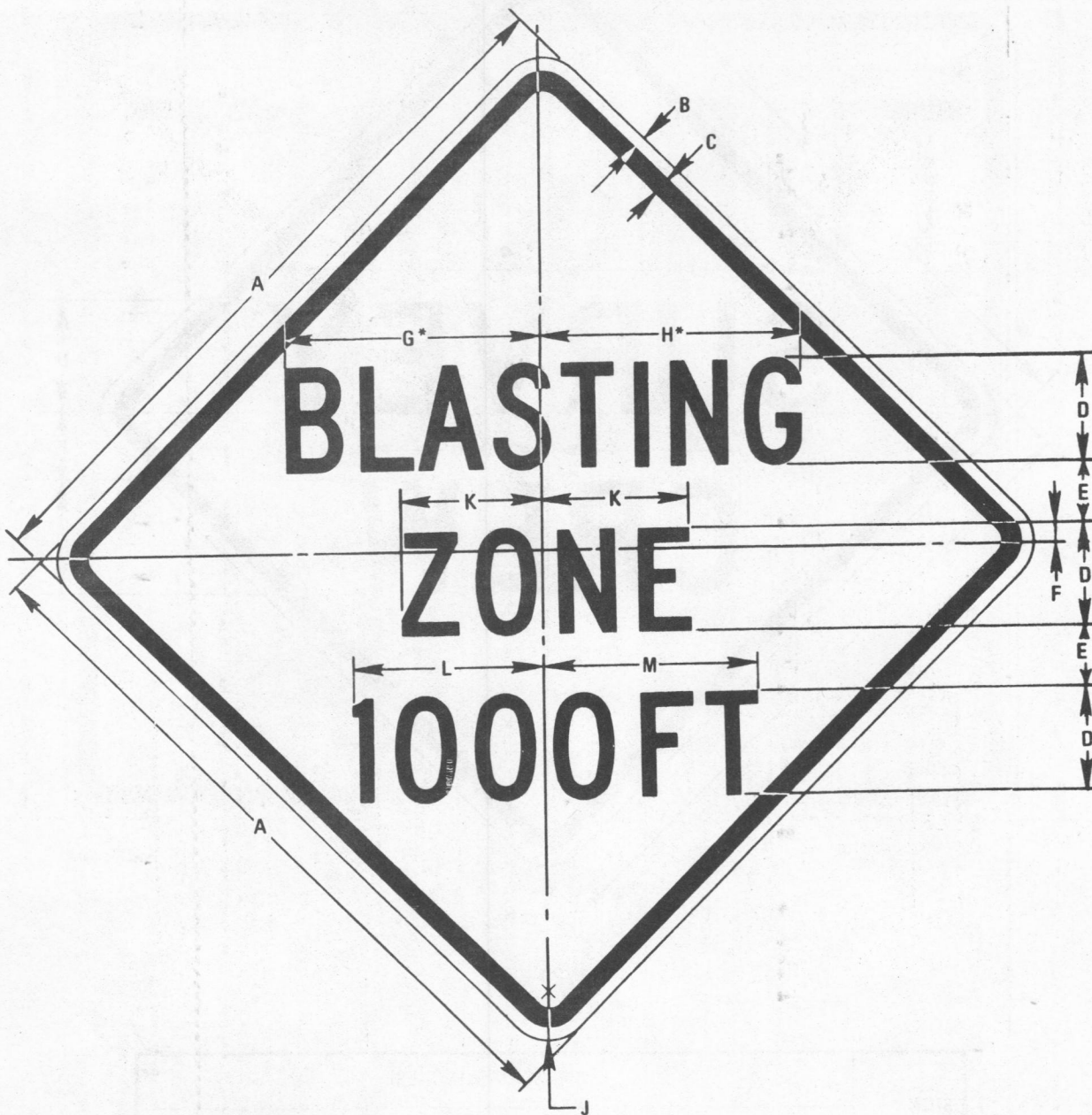


W21-6

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN.	24	3/8	5/8	4D	2-1/2	10-3/8	6-3/4	1-1/2
STD.	30	1/2	3/4	5D	3	13	8-7/8	1-7/8
SPECIAL	36	5/8	7/8	6D	3-1/2	15-9/16	10-1/8	2-1/4

COLORS

LEGEND — BLACK (NON REFL)
BACKGROUND — ORANGE



W22-1

*Reduce spacing 40%

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
MIN.	36	5/8	7/8	5C	3	1	11-1/2	11-13/16	2-1/4	6-7/8	9-3/8	10
STD.	48	3/4	1-1/4	7C	4	1-1/2	17-1/2	18	3	9-11/16	13-1/8	14

COLORS

LEGEND — BLACK (NON-REFL)
 BACKGROUND — ORANGE



W22-2

SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
MIN.	36	30	1/2	3/4	4-3/8	5C	3-1/8	13-1/4	1-7/8	8-11/16	2-1/4	11/32	5	7-7/8	8-1/16
STD.	42	36	5/8	7/8	4-1/2	7C	3	18-5/8	2-1/4	12-3/16	2-3/4	1/2	6-7/8	11	11-1/4

COLORS

LEGEND - BLACK (NON REFL.)
BACKGROUND - ORANGE



W22-3

*Reduce spacing 40%

SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	N
MIN.	36	30	1/2	3/4	4-3/8	5C	3-1/8	4-11/16	5-3/16	1-7/8	11-1/2	11-13/16	6-7/8
STD.	42	36	5/8	7/8	4-1/2	7C	3	6-9/16	7-1/4	2-1/4	17-1/2	18	9-11/16

COLORS

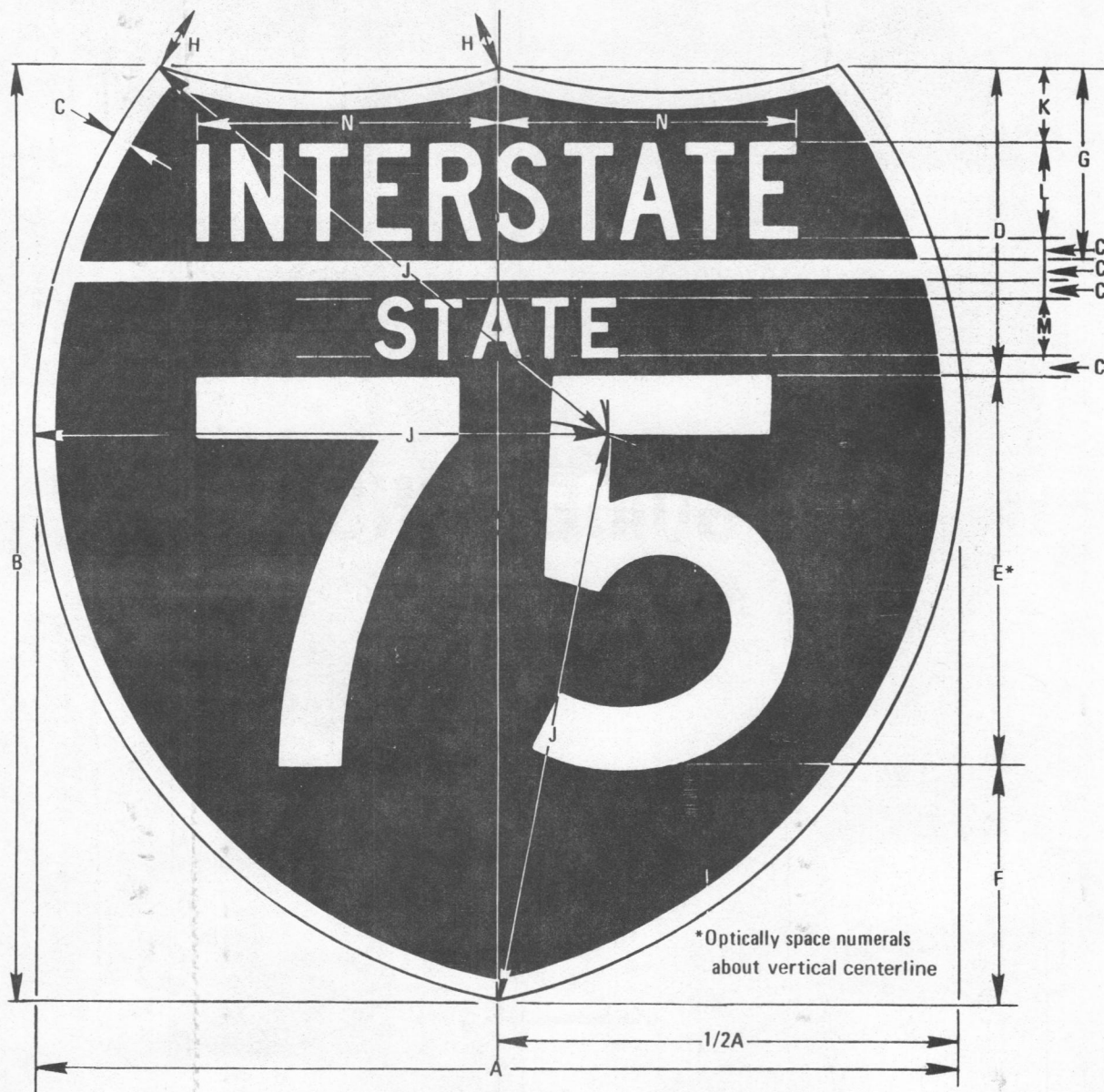
LEGEND - BLACK (NON REFL)
BACKGROUND - ORANGE

GUIDE SIGNS

M1-1 through M6-7

D1-1 through D11-1

I1 through G20-4



M1-1 INTERSTATE SHIELD

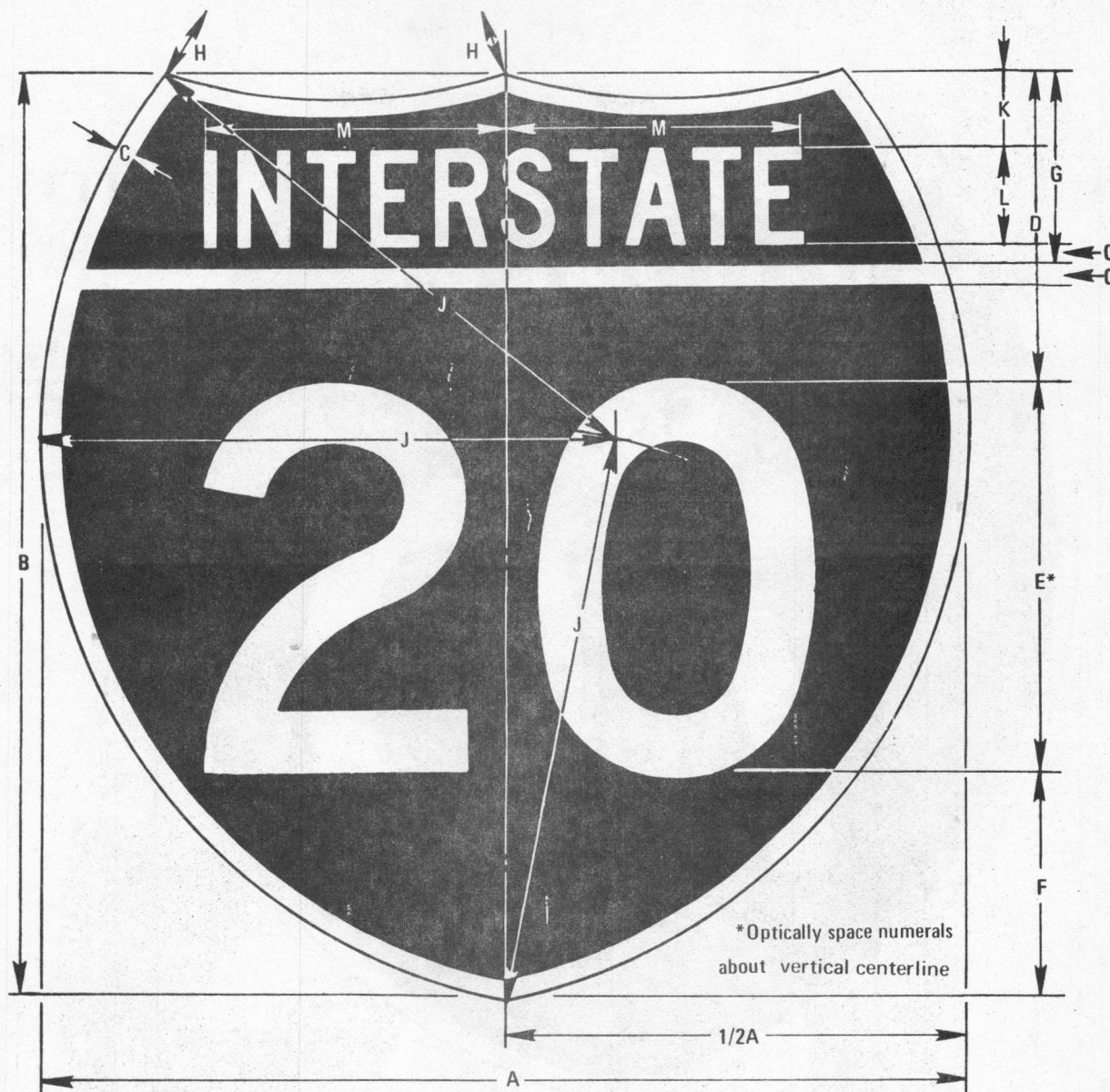
FOR INDEPENDENT USE

SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	N
1,2-digits	24	24	1/2	8	100	6	5	15	15	2	2-1/2C	1-1/2D	7-13/16
1,2-digits	36	36	3/4	12	150	9	7 1/2	22-1/2	22-1/2	3	3-3/4C	2-1/4D	11-11/16
1,2-digits	48	48	1	16	200	12	10	30	30	4	5 C	3 D	15-9/16
3-digits	30	24	1/2	8	100	6	5	24	17	2	2-1/2C	1-1/2D	7-13/16
3-digits	45	36	3/4	12	150	9	7 1/2	36	25 1/2	3	3-3/4C	2 1/4D	11 11/16
3-digits	60	48	1	16	200	12	10	48	34	4	5 C	3 D	15-9/16

COLORS

TOP
LEGEND
BOTTOM

- RED (REFL)
- WHITE (REFL)
- BLUE (REFL)



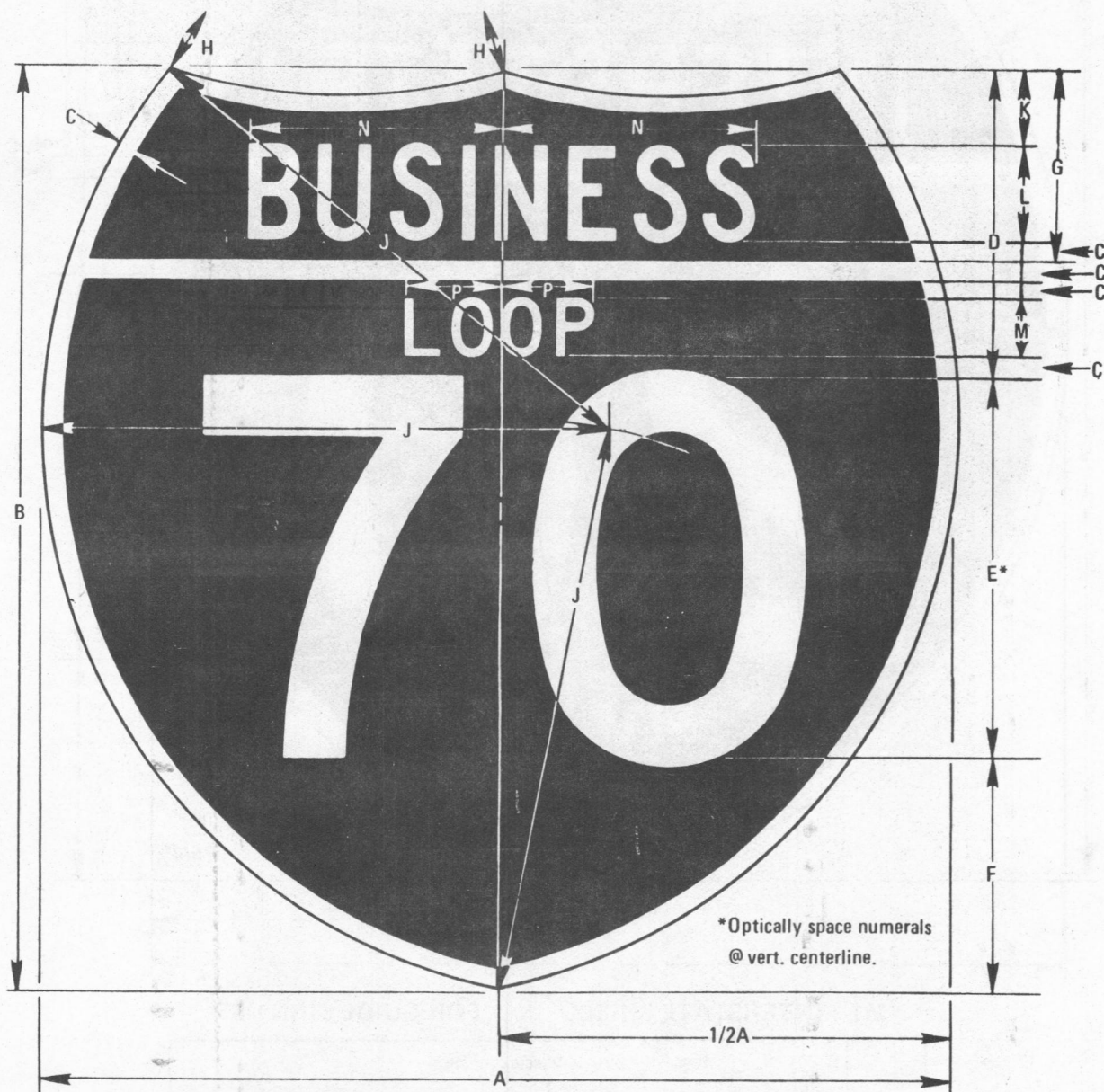
M1-1 INTERSTATE SHIELD

FOR GUIDE SIGN USE

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
1,2-digits	24	24	1/2	6-1/2	12D	5-1/2	5	15	15	2	2-1/2C	7-13/16
1,2-digits	36	36	3/4	9-3/4	18D	8-1/4	7-1/2	22-1/2	22-1/2	3	3-3/4C	11-11/16
1,2-digits	48	48	1	13	24D	11	10	30	30	4	5C	15-9/16
3-digits	30	24	1/2	6-1/2	12D	5-1/2	5	24	17	2	2 1/2C	7 13/16
3-digits	45	36	3/4	9-3/4	18D	8 1/4	7 1/2	36	25-1/2	3	3-3/4C	11-11/16
3-digits	60	48	1	13	24D	11	10	48	34	4	5C	15-9/16

COLORS

LEGEND
 TOP — WHITE (REFL)
 BOTTOM — RED (REFL)
 — BLUE (REFL)



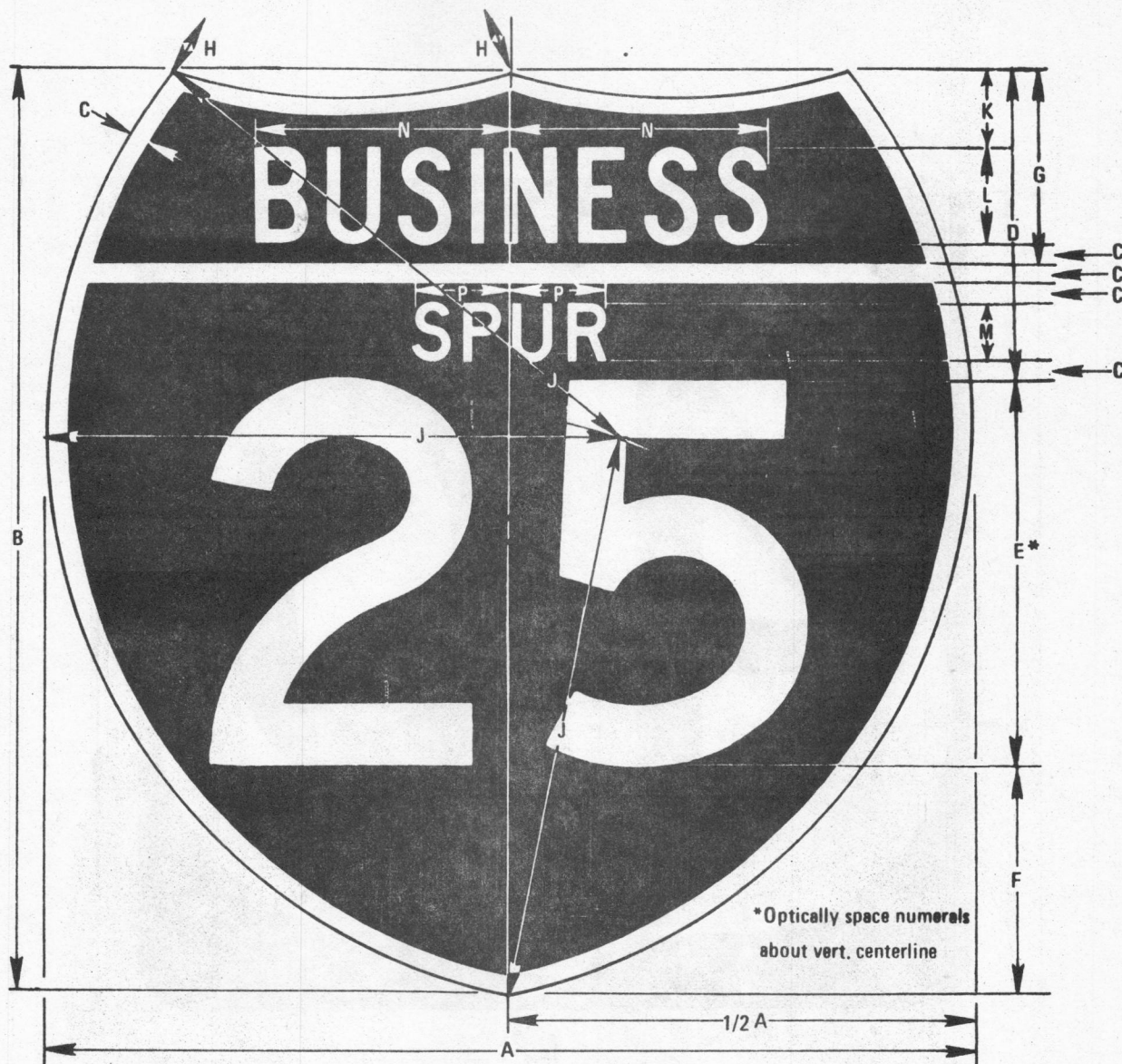
M1-2 OFF-INTERSTATE

BUSINESS LOOP MARKER

SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
1,2-digits	24	24	1/2	8	10D	6	5	15	15	2	2-1/2C	1-1/2D	6-5/8	2-1/2
1,2-digits	36	36	3/4	12	15D	9	7-1/2	22-1/2	22-1/2	3	3-3/4C	2-1/4D	9-15/16	3-3/4
1,2-digits	48	48	1	16	20D	12	10	30	30	4	5C	3D	13-1/4	5
3-digits	30	24	1/2	8	10D	6	5	24	17	2	2-1/2C	1-1/2D	6-5/8	2-1/2
3-digits	45	36	3/4	12	15D	9	7-1/2	36	25-1/2	3	3-3/4C	2-1/4D	9-15/16	3-3/4
3-digits	60	48	1	16	20D	12	10	48	34	4	5C	3D	13-1/4	5

COLORS

LEGEND — WHITE (REFL)
BACKGROUND — GREEN (REFL)

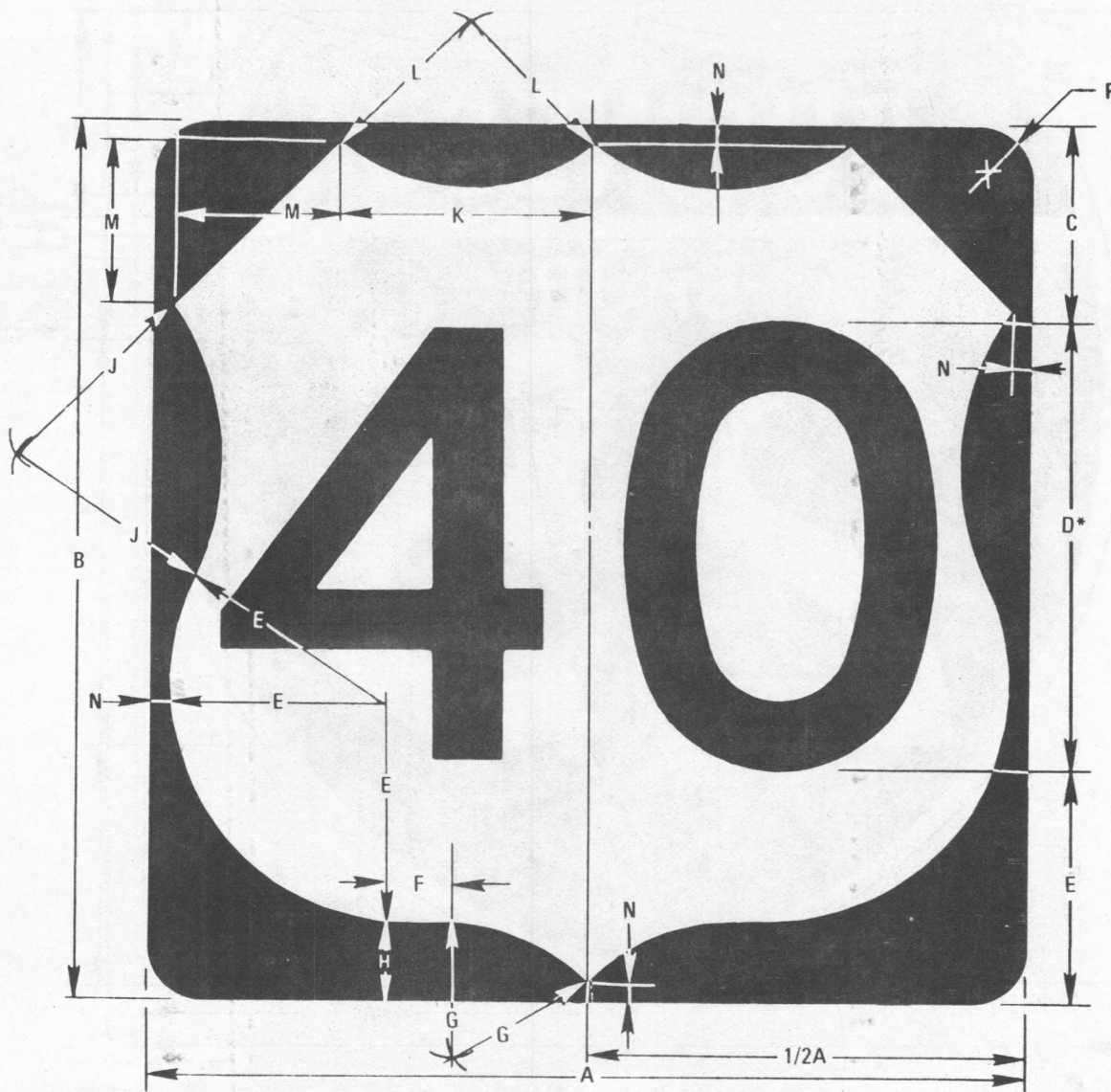


M1-3 OFF-INTERSTATE BUSINESS SPUR MARKER

SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
1,2-digits	24	24	1/2	8	10D	6	5	15	15	2	2-1/2C	1-1/2D	6-5/8	2-9/16
1,2-digits	36	36	3/4	12	15D	9	7-1/2	22-1/2	22-1/2	3	3-3/4C	2-1/4D	9-15/16	3-27/32
1,2-digits	48	48	1	16	20D	12	10	30	30	4	5C	3D	13-1/4	5-1/8
3-digits	30	24	1/2	8	10D	6	5	24	17	2	2-1/2C	1-1/2D	6-5/8	2-9/16
3-digits	45	36	3/4	12	15D	9	7-1/2	36	25 1/2	3	3-3/4C	2-1/4D	9-15/16	3-27/32
3-digits	60	48	1	16	20D	12	10	48	34	4	5C	3D	13-1/4	5-1/8

COLORS

LEGEND — WHITE (REFL)
BACKGROUND — GREEN (REFL)



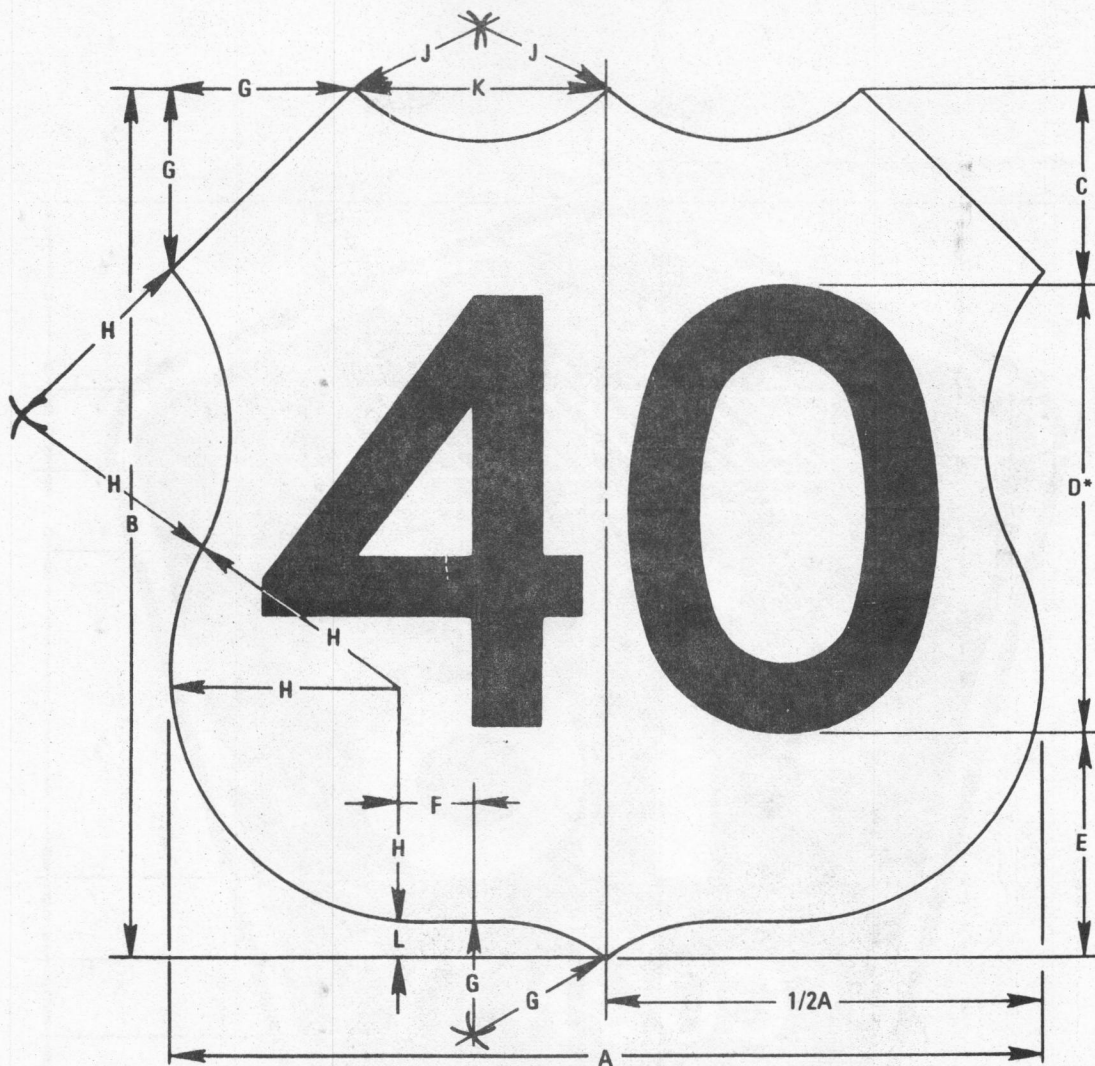
**M1-4 U.S. ROUTE MARKER
FOR INDEPENDENT USE**

*Optically space numerals @ vert. centerline.

SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
1,2-digits	24	24	5-1/2	12D	6-1/2	1	5-1/2	2-1/2	7-1/2	7	5-1/2	4-1/2	1/2	1-1/2
1,2-digits	36	36	8-1/4	18D	9-3/4	1-1/2	8-1/4	3-3/4	11-1/4	10-1/2	8-1/4	6-1/2	3/4	2-1/4
1,2-digits	48	48	11	24D	13	2	11	5	15	14	11	9	1	3
3-digits	30	24	5-1/2	12D	6-1/2	4	5-1/2	2-1/2	7-1/2	10	9-1/2	4-1/2	1/2	1-1/2
3-digits	45	36	8-1/4	18D	9-3/4	5-1/2	8-1/4	3-3/4	11-1/4	15	14-1/4	6-1/2	3/4	2-1/4
3-digits	60	48	11	24D	13	8	11	5	15	20	19	9	1	3

COLORS

SHIELD WHITE (REFL.)
BACKGROUND AND NUMERALS – BLACK (NON-REFL.)



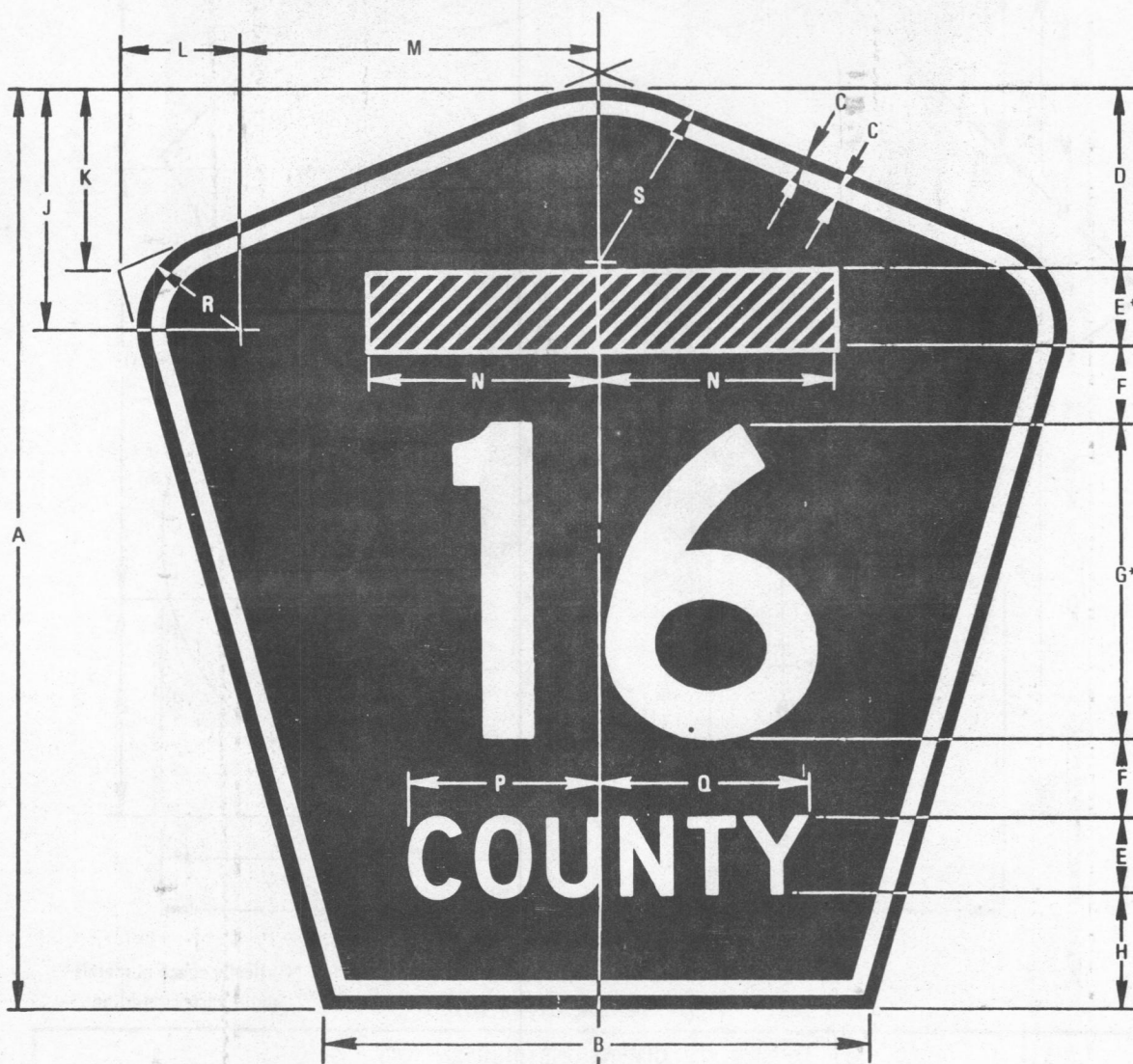
**M1-4 U.S. ROUTE MARKER
FOR GUIDE SIGN USE**

*Optically space numerals
about vert. centerline

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
1,2-digits	24	24	5-1/2	12D	6-1/2	1	5	7	5	7	2
1,2-digits	36	36	8-1/4	18D	9-3/4	1-1/2	7-1/2	10-1/2	7-1/2	10-1/2	3
1,2-digits	48	48	11	24D	13	2	10	14	10	14	4
3-digits	30	24	5-1/2	12D	6-1/2	4	5	7	9	10	2
3-digits	45	36	8-1/4	18D	9-3/4	5-1/2	7-1/2	10-1/2	13-1/2	15	3
3-digits	60	48	11	24D	13	8	10	14	18	20	4

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



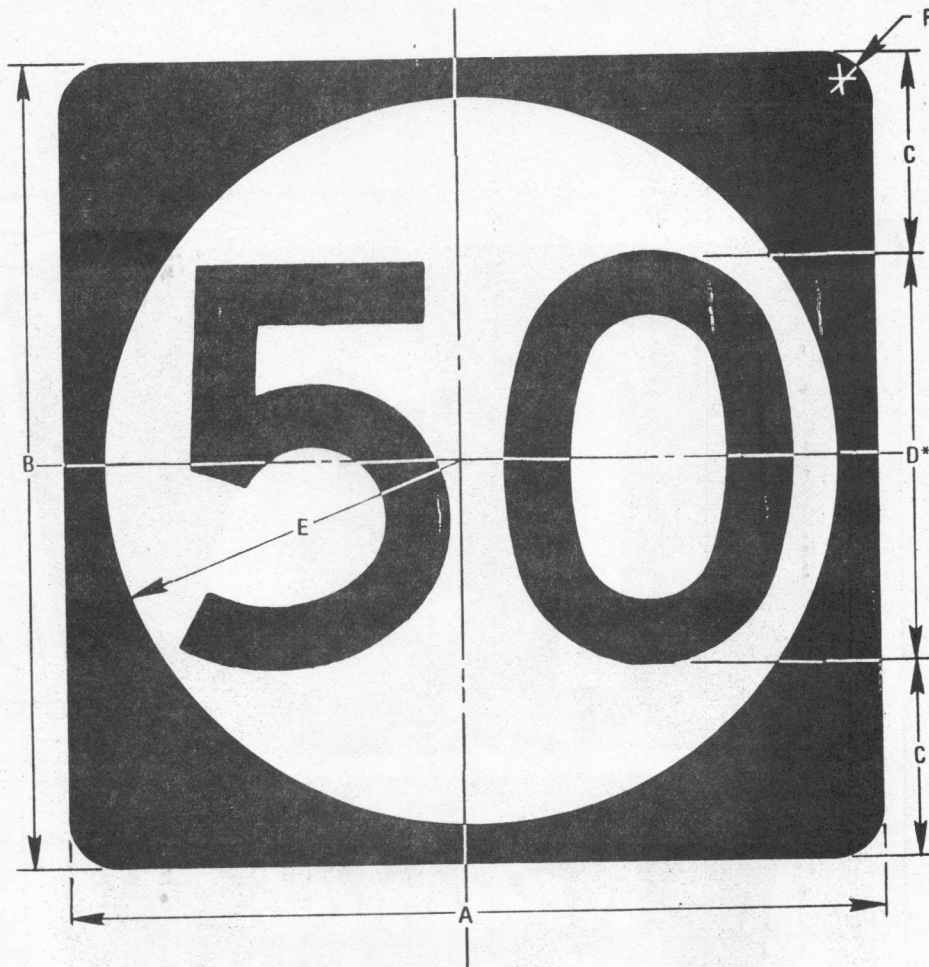
M1-5

*Optically space numerals and county name about vertical centerline.

SIGN	DIMENSIONS (INCHES)																
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
MIN.	18	10-5/8	1/4	4	1-1/2	1-1/2	6D	2	5	3-3/8	2-3/8	7	VAR.	3-3/4	3-7/8	2	5
STD.	24	14-3/16	3/8	5	2D	2	8D	3	6-5/8	5-1/8	3-1/8	9-5/16	VAR.	5	5-3/16	2-11/16	5-5/16
SPECIAL	30	17-3/4	1/2	6-1/4	2-1/2	2-1/2	10D	3-3/4	8-1/4	6-1/2	3-7/8	11-5/8	VAR.	6-3/16	6-1/2	3-3/8	6-5/8

COLORS

LEGEND — YELLOW (REFL)
BACKGROUND — BLUE (REFL)



M1-6 STATE ROUTE MARKER

*Optically space numerals about vert. centerline

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
1,2-digit(s)	24	24	6	12D	11	1-1/2
1,2-digit(s)	36	36	9	18D	16-1/2	2-1/4
1,2-digit(s)	48	48	12	24D	22	3
3-digits	30	24	6	12D	Var.	1-1/2
3-digits	45	36	9	18D	Var.	2-1/4
3-digits	60	48	12	24D	Var.	3

COLORS

LEGEND — BLACK (NON. REFL)
BACKGROUND — WHITE (REFL)



*Optically space numerals about vertical centerline.

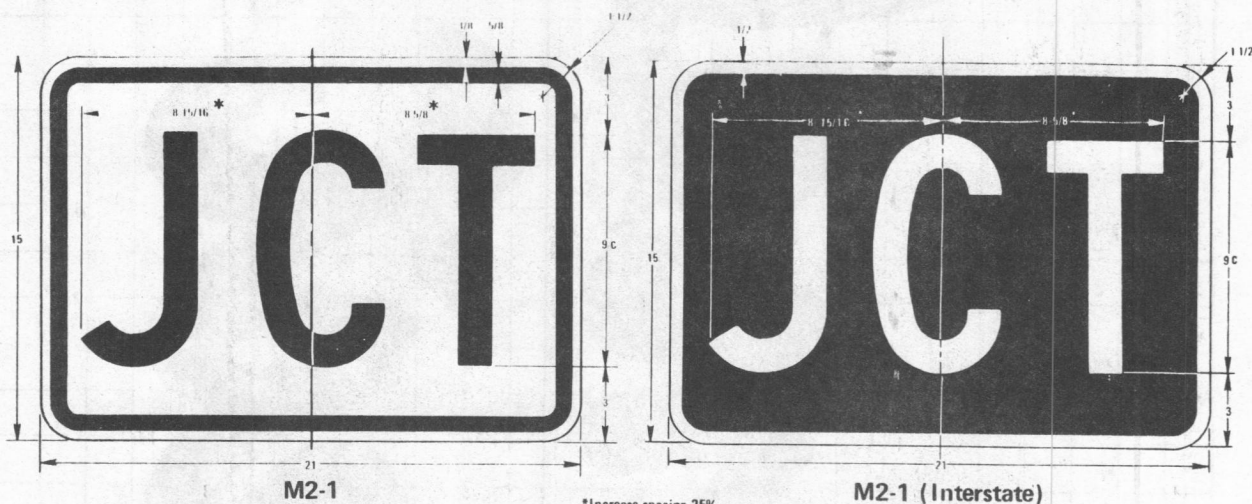
M1-7

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MIN.	18	12-3/4	1/2	2-5/8	6D	1-1/8	4	1-5/8	2
STD.	24	17	1/2	3-1/2	8D	1-3/4	5	2-1/4	2-1/2

COLORS

LEGEND - WHITE (REFL.)
BACKGROUND - BROWN (REFL.)

Revision



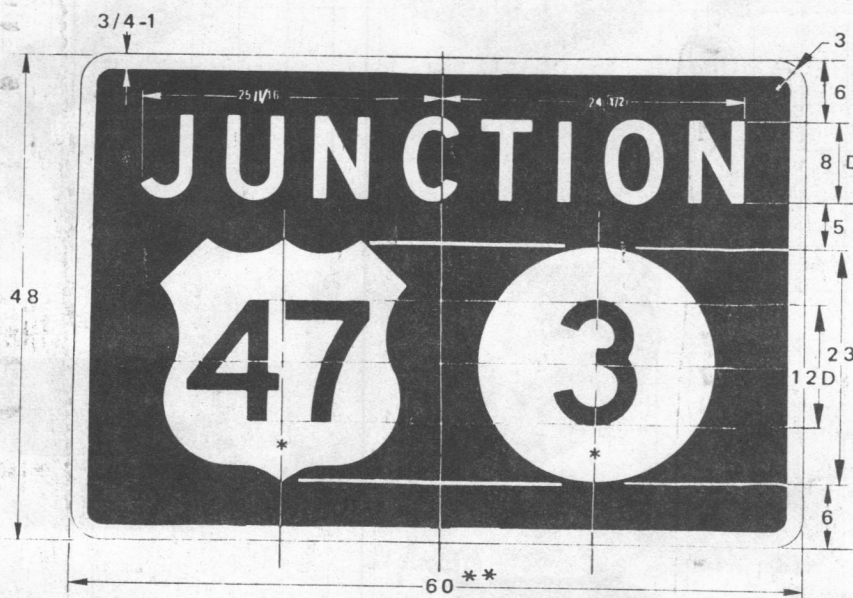
*Increase spacing 25%.

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)

COLORS

LEGEND - WHITE (REFL)
BACKGROUND - BLUE (REFL)

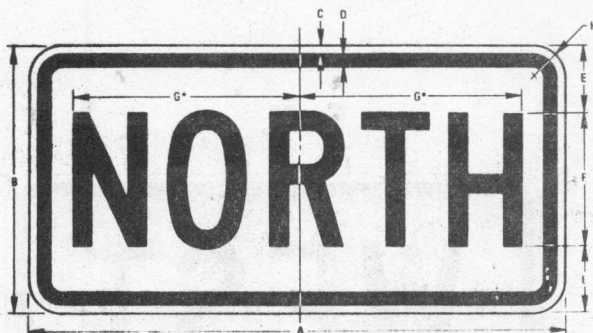


*Use standard shield designs.

**Increase width where more than two shields are used

COLORS:

BORDER AND SHIELD: WHITE (REFL.)
LEGEND LINE 1: WHITE (REFL.)
LINE 2: BLACK (NON-REFL.)
BACKGROUND: BLACK (NON-REFL.) OR GREEN



M3-1

*Reduce spacing 20% for STD size and 50% for SPECIAL size

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN. & STD.	24	12	3/8	5/8	3	6C	10	1 1/2
SPECIAL	30	15	3/8	5/8	3 1/2	8C	12 3/8	1 1/2

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)

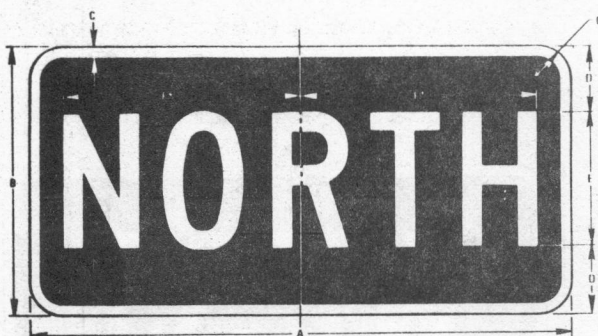


M3-2

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MIN. & STD.	24	12	3/8	5/8	3	6C	7 5/8	8 1/8	1 1/2
SPECIAL	30	15	3/8	5/8	3 1/2	8C	10 1/8	10 7/8	1 1/2

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)



M3-1 (Interstate)

*Reduce spacing 25% for 30" X 15" size.
**Use 30" X 15" size with 30" X 24" shield or with 36" X 36" shield.

SIGN (MIN)	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
STD.	24	12	1/2	3	6C	10 7/16	1 1/2
STD.**	30	15	1/2	3 1/2	8C	13 1/8	1 1/2

COLORS

LEGEND WHITE (REFL)
BACKGROUND BLUE (REFL)



M3-2 (Interstate)

*Use 30" X 15" size with 30" X 24" shield or with 36" X 36" shield.

SIGN (MIN)	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
STD.	24	12	1/2	3	6C	7 5/8	8 1/8	1 1/2
STD.*	30	15	1/2	3 1/2	8C	10 1/8	10 7/8	1 1/2

COLORS

LEGEND WHITE (REFL)
BACKGROUND BLUE (REFL)



M3-3

*Reduce spacing 20% for STD size and 50% for SPECIAL size.

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MIN. & STD.	24	12	3/8	5/8	3	6C	10 1/8	9 5/8	1 1/2
SPECIAL	30	15	3/8	5/8	3 1/2	8C	12 11/16	11 15/16	1 1/2

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)

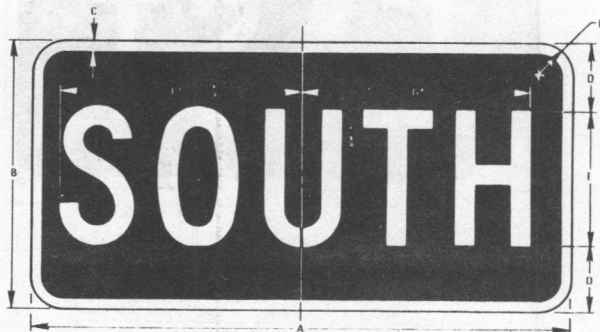


M3-4

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN. & STD.	24	12	3/8	5/8	3	6C	8 3/8	1 1/2
SPECIAL	30	15	3/8	5/8	3 1/2	8C	11 1/4	1 1/2

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)



M3-3 (Interstate)

*Reduce spacing 25% for 30" X 15" size.

**Use 30" X 15" size with 30" X 24" shield or with 36" X 36" shield.

SIGN (MIN)	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
STD.	24	12	1/2	3	6C	10 9/16	10 1/16	1 1/2
STD.**	30	15	1/2	3 1/2	8C	13 3/8	12 5/8	1 1/2

COLORS

LEGEND - WHITE (REFL)
BACKGROUND - BLUE (REFL)



M3-4 (Interstate)

*Use 30" X 15" size with 30" X 24" shield or with 36" X 36" shield.

SIGN (MIN)	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
STD.	24	12	1/2	3	6C	8 3/8	1 1/2
STD.*	30	15	1/2	3 1/2	8C	11 1/4	1 1/2

COLORS

LEGEND - WHITE (REFL)
BACKGROUND - BLUE (REFL)



M4-1

* Reduce spacing 50% for SPECIAL size

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	
STD. & MIN.	24	12	3/8	5/8	4	4R	9 11/16	9 9/16	1 1/2	
SPECIAL	30	15	3/8	5/8	4 1/2	6R	12 15/16	12 13/16	1 1/2	

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)

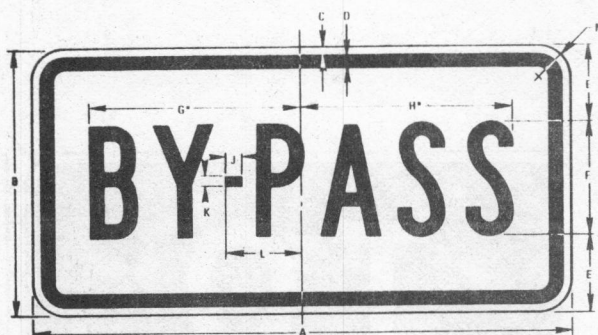


M4-1a

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	
STD. & MIN.	24	12	3/8	5/8	3	6R	6 5/8	7 1/4	1 1/2	
SPECIAL	30	15	3/8	5/8	3 1/2	8R	9	9 1/2	1 1/2	

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)



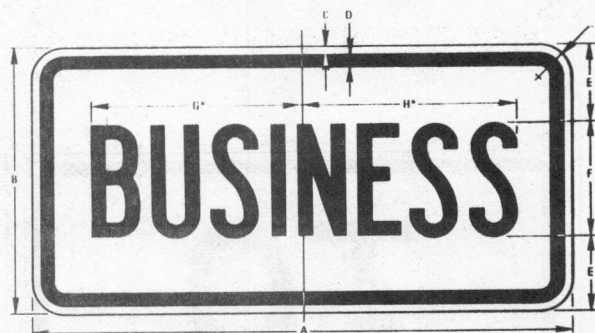
M4-2

* Reduce spacing 40% for SPECIAL size.

SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	
STD. & MIN.	24	12	3/8	5/8	3 1/2	5R	9 3/8	9 5/8	3/4	5/8	3 3/8	1 1/2	
SPECIAL	30	15	3/8	5/8	4	7R	12 1/4	12 5/8	1	3/8	3 7/8	1 1/2	

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)



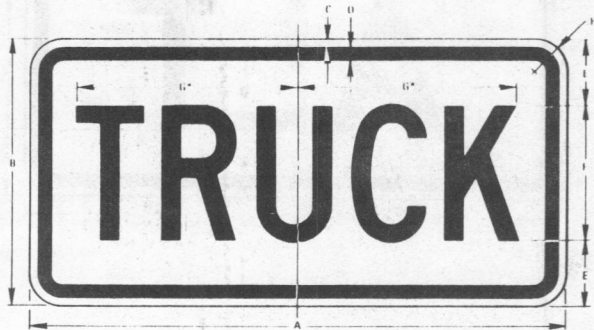
M4-3

* Reduce spacing 40%.

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	
STD. & MIN.	24	12	3/8	5/8	3 1/2	5R	9 5/16	9 9/16	1 1/2	
SPECIAL	30	15	3/8	5/8	4	7R	12 3/8	12 3/4	1 1/2	

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)



M4-4

* Reduce spacing 20% for STD size and 50% for SPECIAL size

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
STD. & MIN.	24	12	3/8	5/8	3	6C	9 7/8	1 1/2
SPECIAL	30	15	3/8	5/8	3 1/2	8C	12 1/4	1 1/2

COLORS

LEGEND BLACK (NON REFL)
BACKGROUND WHITE (REFL)

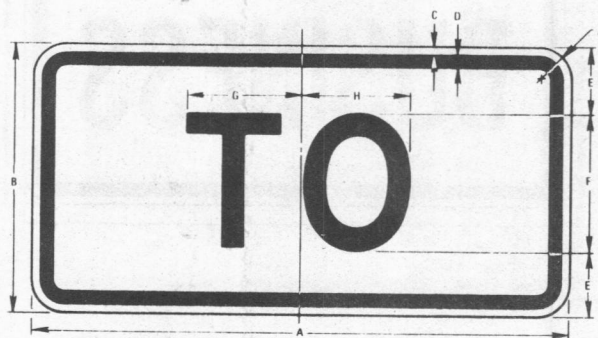


M4-6

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
STD. & MIN.	24	12	3/8	5/8	3	6D	7	7 1/4	1 1/2
SPECIAL	30	15	3/8	5/8	3 1/2	8D	9 1/4	9 3/4	1 1/2

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND WHITE (REFL)

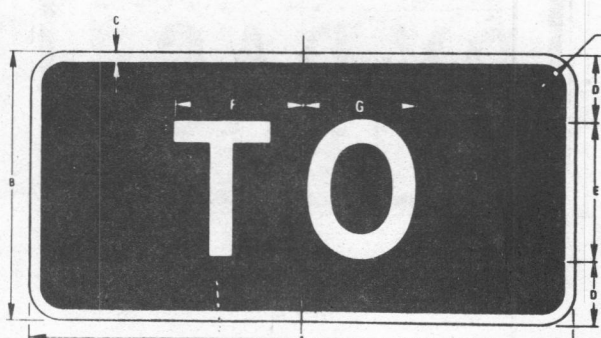


M4-5

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
STD. & MIN.	24	12	3/8	5/8	3	6E	5 5/8	5	1 1/2
SPECIAL	30	15	3/8	5/8	3 1/2	8E	7 1/2	6 5/8	1 1/2

COLORS

LEGEND BLACK (NON REFL)
BACKGROUND WHITE (REFL)

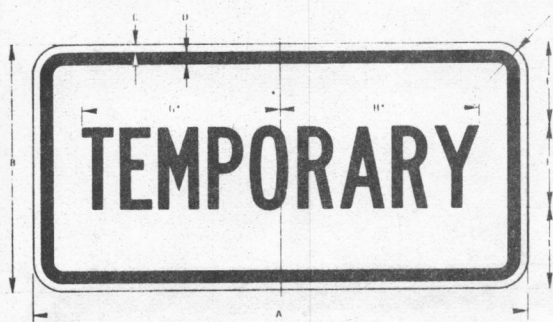


M4-5 (Interstate)

SIGN	DIMENSION (INCHES)							
	A	B	C	D	E	F	G	H
STD. & MIN.	24	12	1/2	3	6E	5-5/8	5	1-1/2
SPECIAL	30	15	1/2	3 1/2	8E	7-1/2	6 5/8	1-1/2

COLORS

LEGEND WHITE (REFL)
BACKGROUND BLUE (REFL)



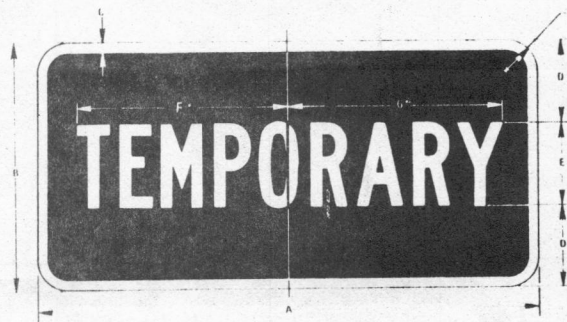
M4-7

* Reduce spacing 40%

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
STD. & MIN.	24	12	3/8	5/8	4	4R	9 1/2	9 5/8	1 1/2
SPECIAL	30	15	3/8	5/8	5	5R	11 7/8	12 1/16	1 1/2

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)



M4-7 (Interstate)

* Reduce spacing 20%

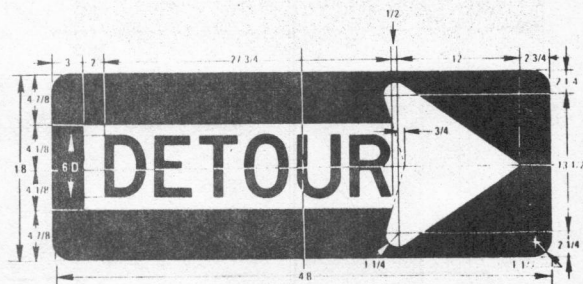
SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
STD. & MIN.	24	12	1/2	4	4R	10	10 1/8	1 1/2	
SPECIAL	30	15	1/2	5	5R	12 1/2	12 11/16	1 1/2	

COLORS

LEGEND - WHITE (REFL)
BACKGROUND - BLUE (REFL)



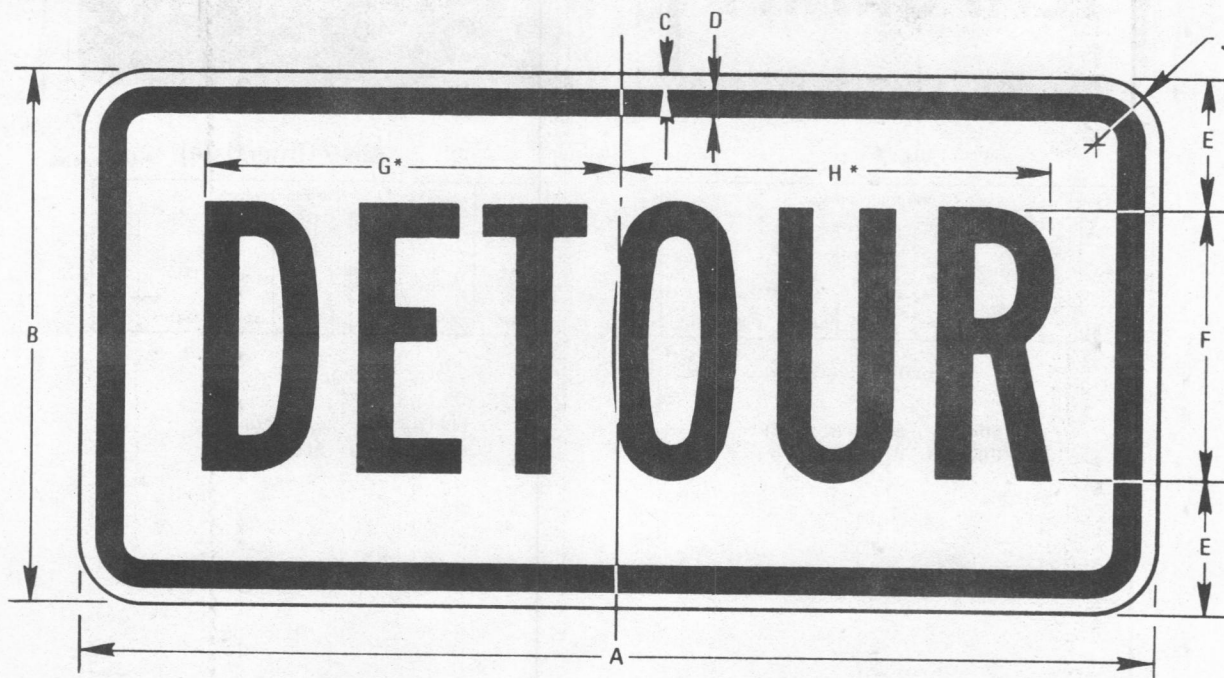
M4-10(L)



M4-10(R)

COLORS

LEGEND - BLACK (NON-REFL.)
ARROW - ORANGE (REFL.)
BACKGROUND - BLACK (NON-REFL.)



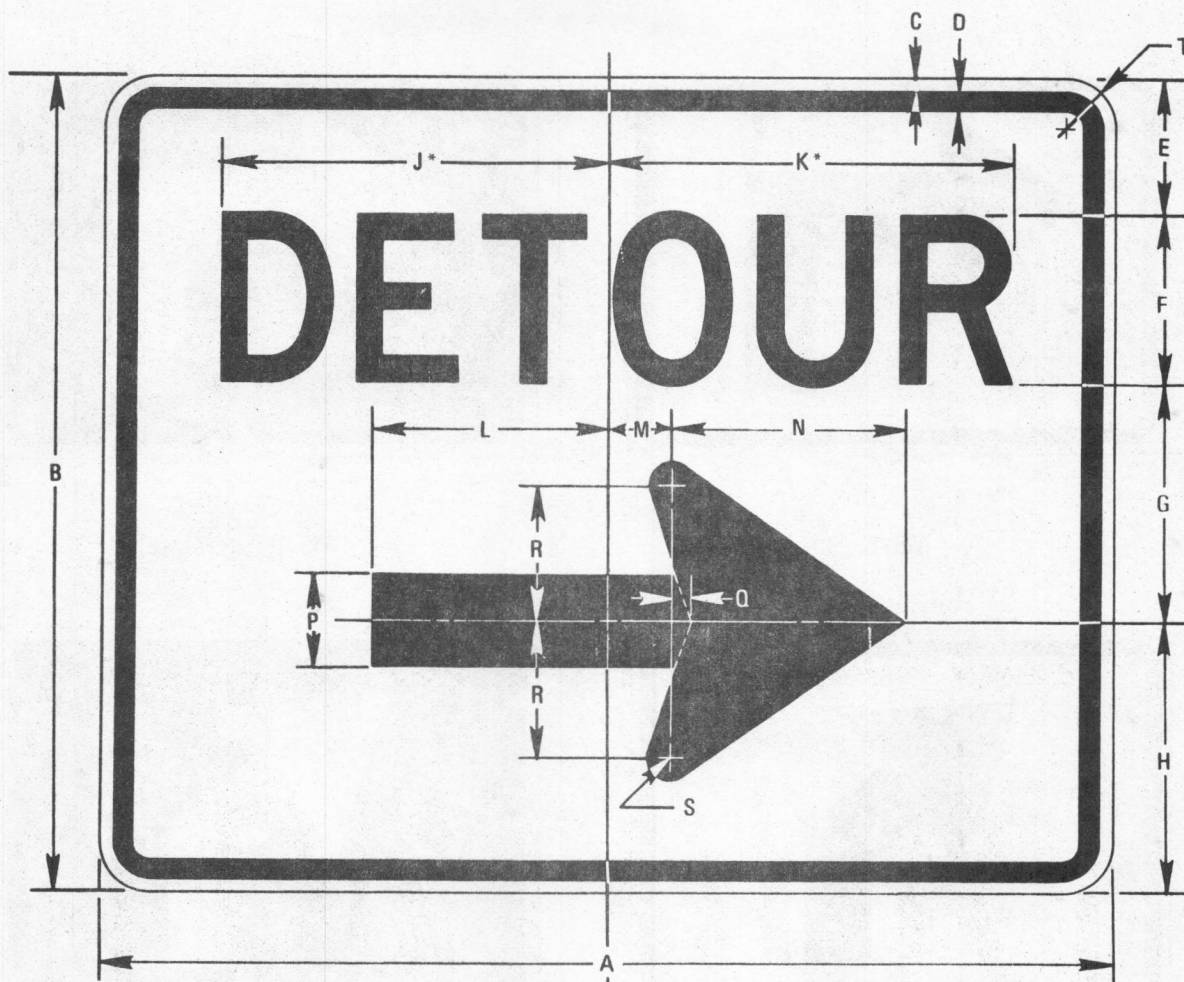
M4-8

* Reduce spacing 20%.

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
STD. & MIN.	24	12	3/8	5/8	3	6B	9 3/16	9-9/16	1-1/2
SPECIAL	30	15	3/8	5/8	3-1/2	8B	12 1/4	12-3/4	1-1/2

COLORS

LEGEND — BLACK (NON REFL)
BACKGROUND — ORANGE (REFL)



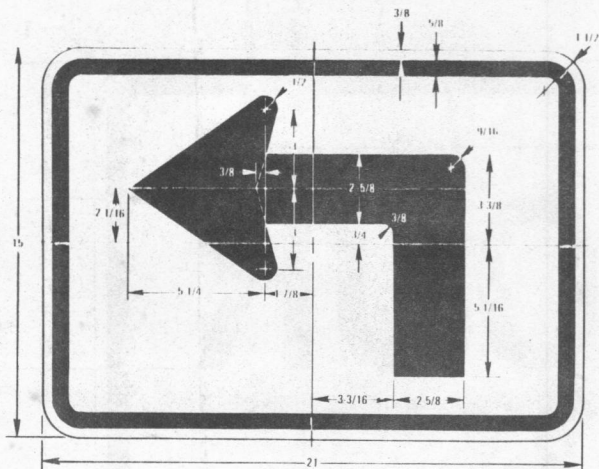
M4-9(R)

* Reduce spacing 40%.

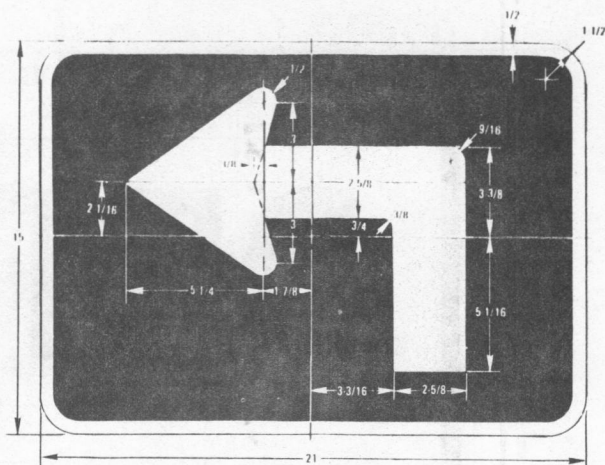
SIGN	DIMENSIONS (INCHES)																	
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T
STD.	30	24	3/8	5/8	4	5D	7	8	11-1/2	12	9	1-7/8	7-1/8	3-1/2	9/16	4	11/16	1-1/2
SPECIAL	48	36	5/8	7/8	6	8D	10	12	19-1/2	20-1/4	13-1/2	2-7/8	10-5/8	5-1/4	13/16	6	1-1/16	2-1/4
SPECIAL	60	48	3/4	1-1/4	8	10D	14	16	23	24	18	3-13/16	14-3/16	7	1-1/16	8	1-3/8	3

COLORS

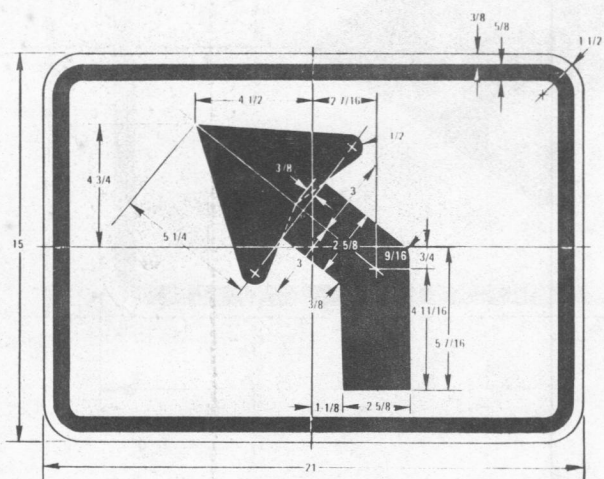
LEGEND BLACK (NON REFL)
BACKGROUND ORANGE (REFL)



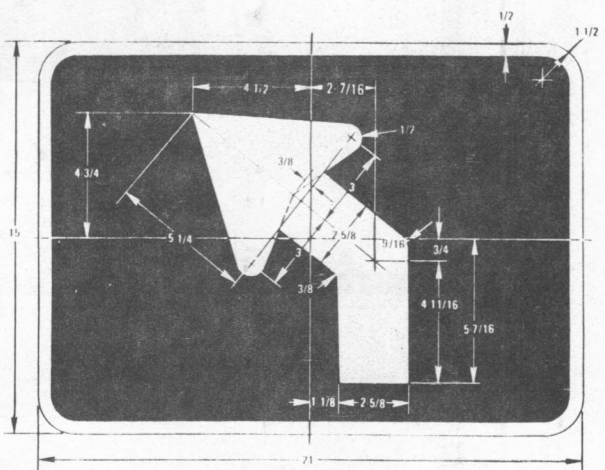
M5-1



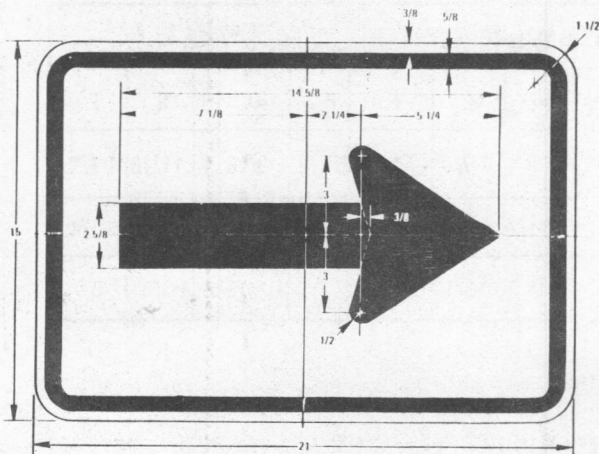
M5-1(Interstate)



M5-2

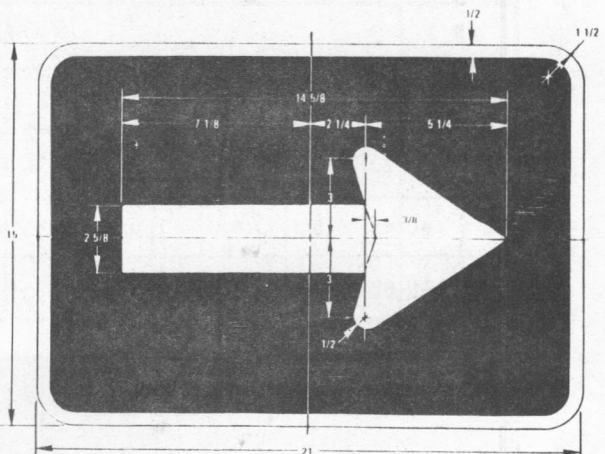


M5-2(Interstate)



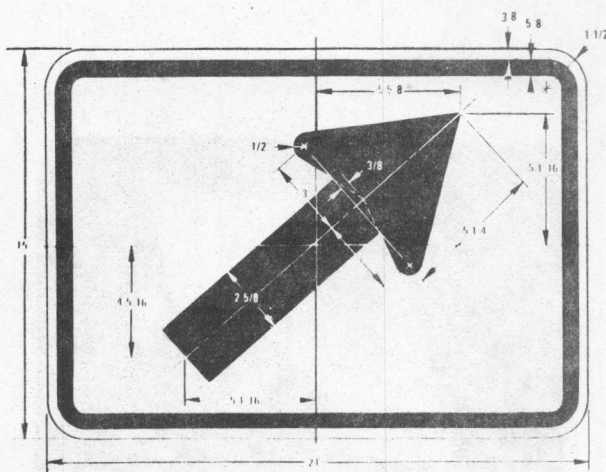
M6-1
COLORS

LEGEND - BLACK (NON-REFL.)
BACKGROUND - WHITE (REFL.)

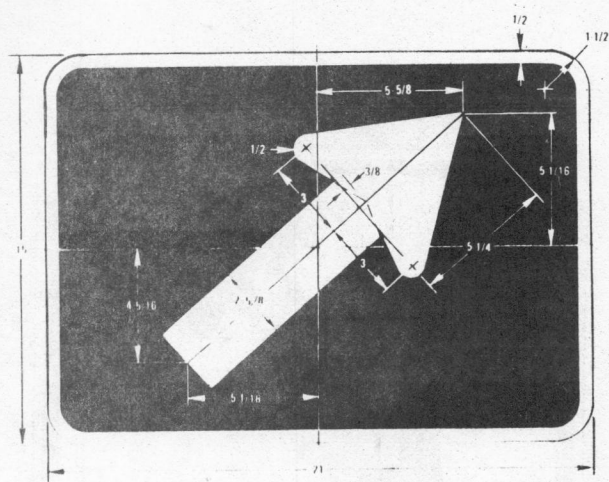


M6-1(Interstate)
COLORS

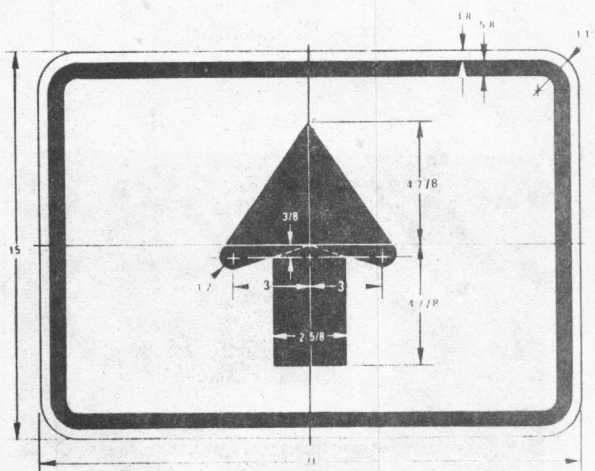
LEGEND - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)



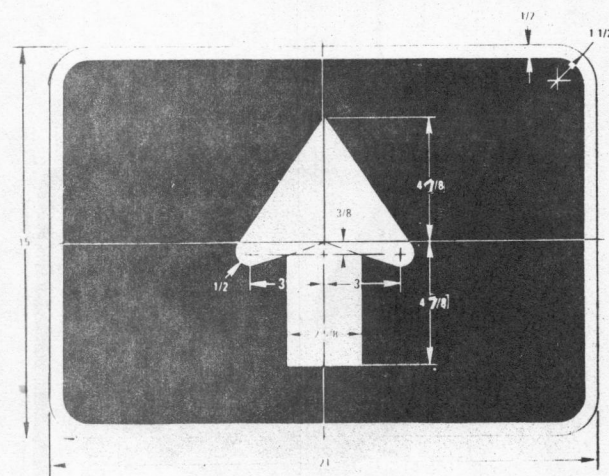
M6-2



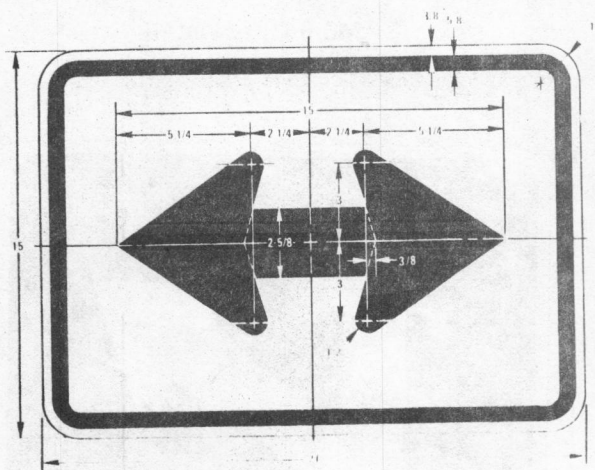
M6-2 (Interstate)



M6-3

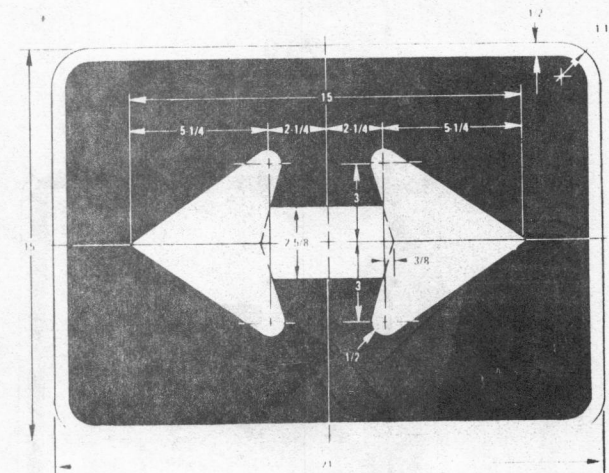


M6-3 (Interstate)



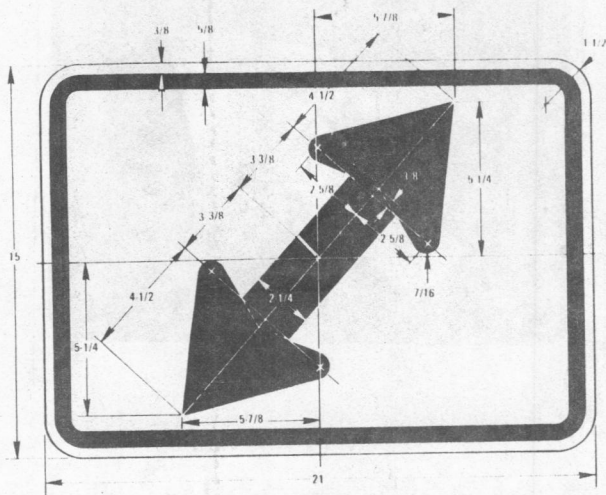
M6-4
COLORS

LEGEND - BLACK (NON-REFL.)
BACKGROUND - WHITE (REFL.)

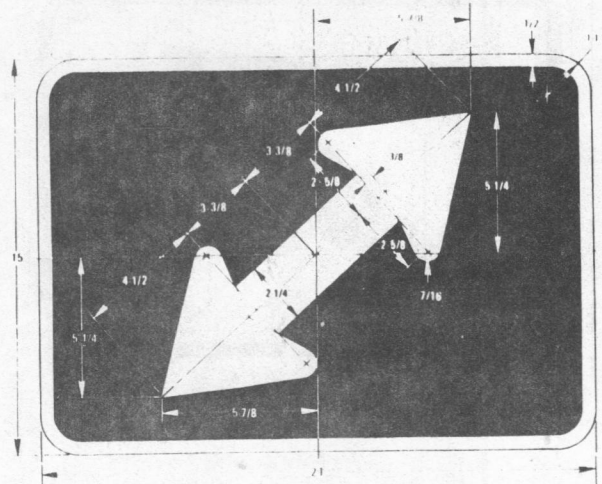


M6-4 (Interstate)
COLORS

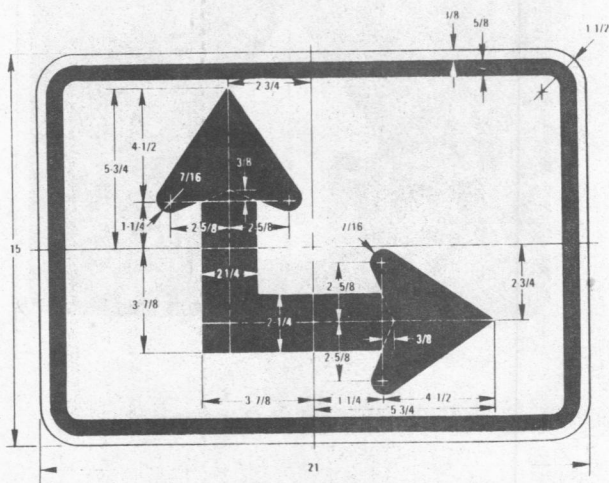
LEGEND - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)



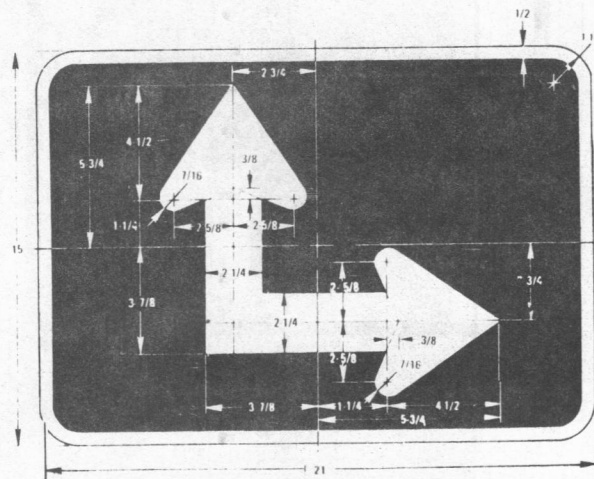
M6-5



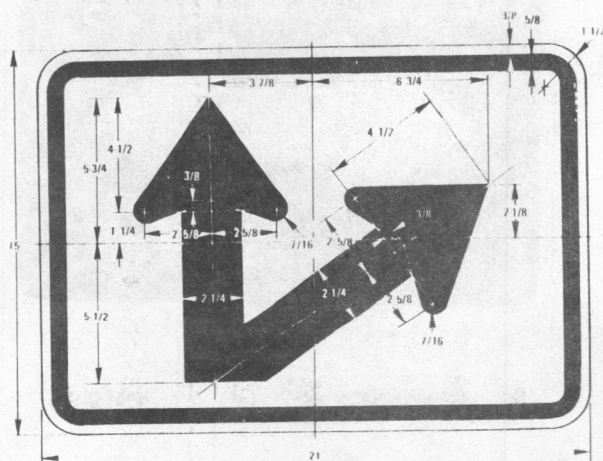
M6-5 (Interstate)



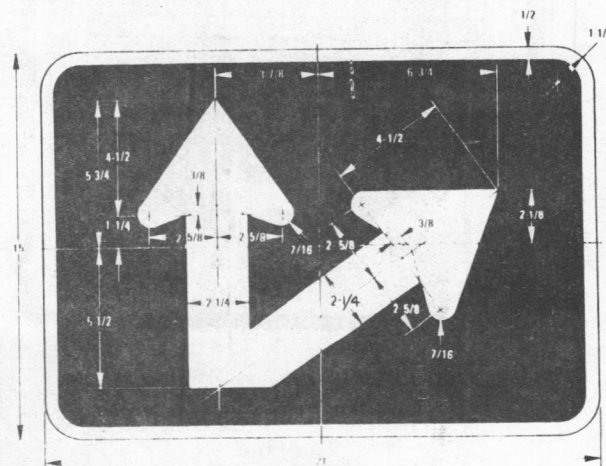
M6-6



M6-6 (Interstate)



M6-7



M6-7 (Interstate)

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)

COLORS

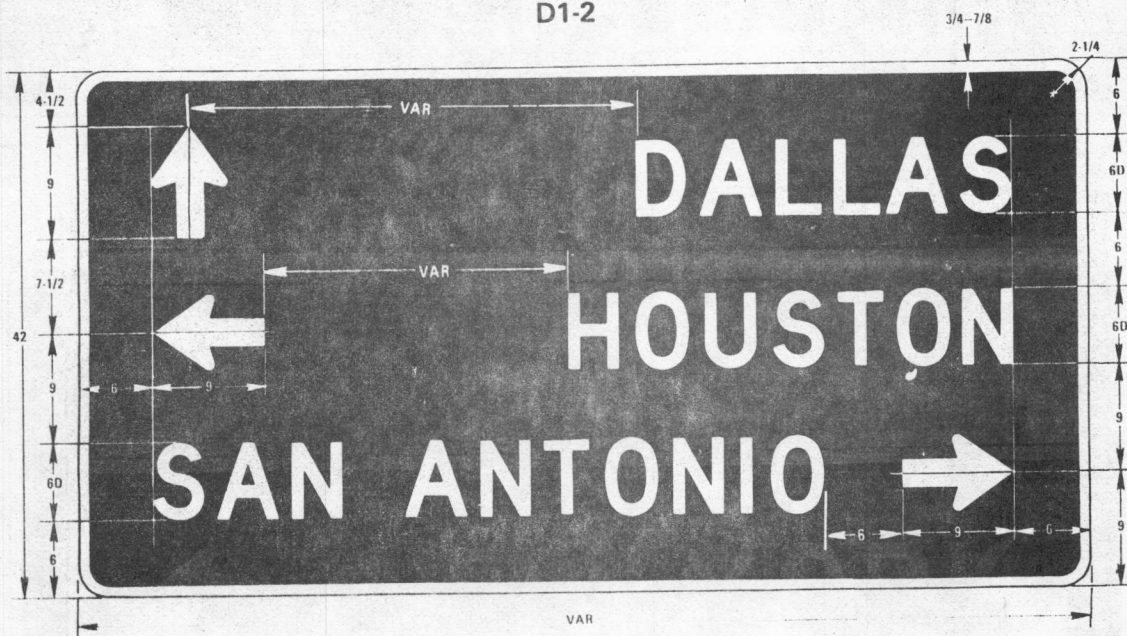
LEGEND — WHITE (REFL)
BACKGROUND — BLUE (REFL)



D1-1



D1-2



D1-3

*Refer to arrow detail chart for other dimensions

COLORS

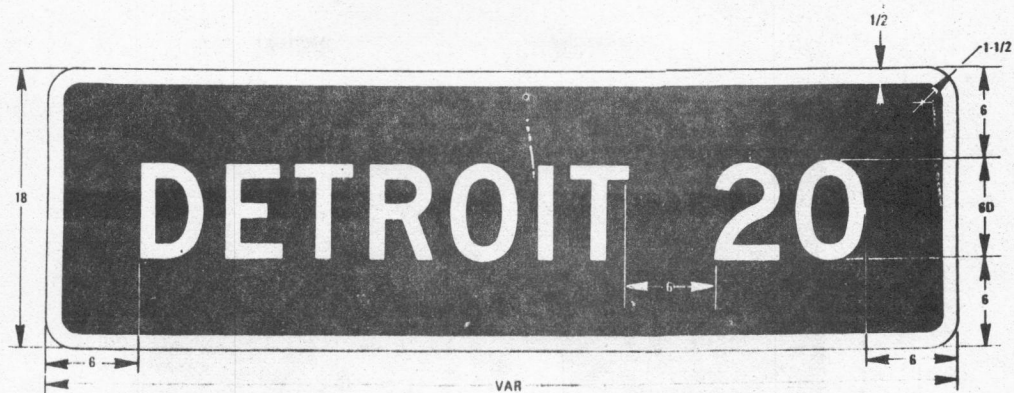
LEGEND WHITE (REFL)
BACKGROUND GREEN



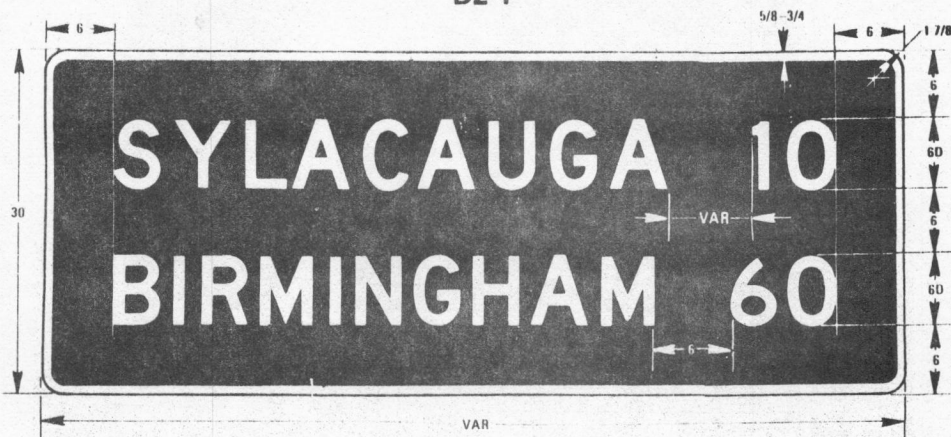
COLORS

LEGEND - WHITE (REFL)
BACKGROUND - GREEN

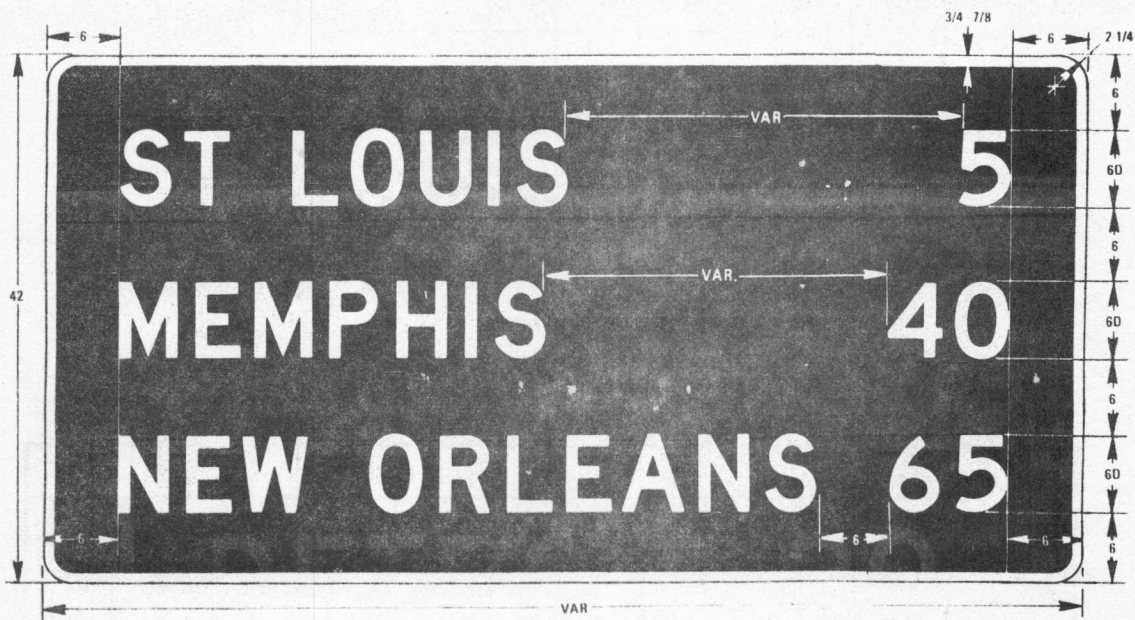
* Refer to arrow details
chart for other dimensions



D2-1



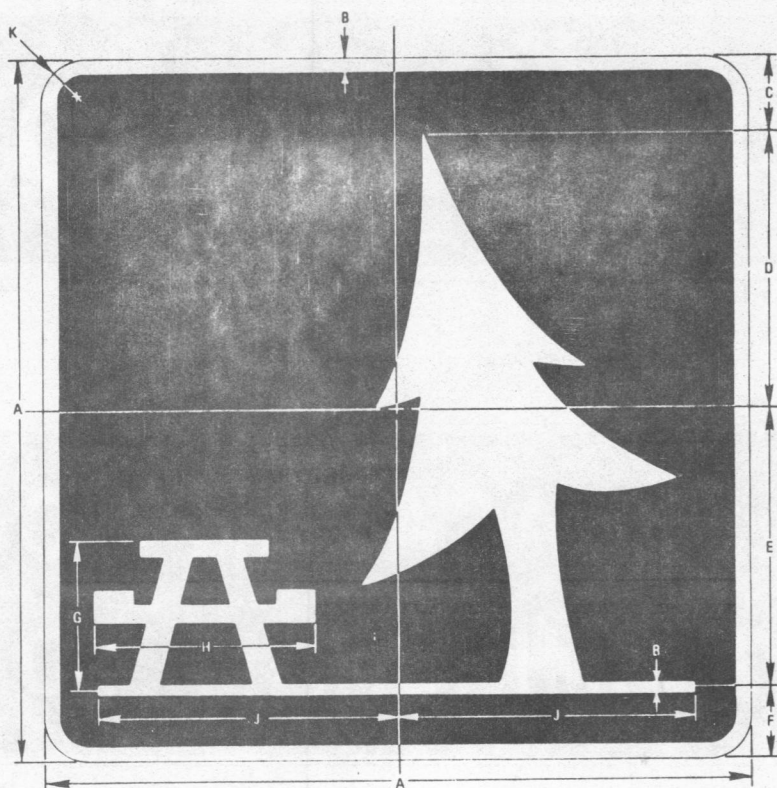
D2-2



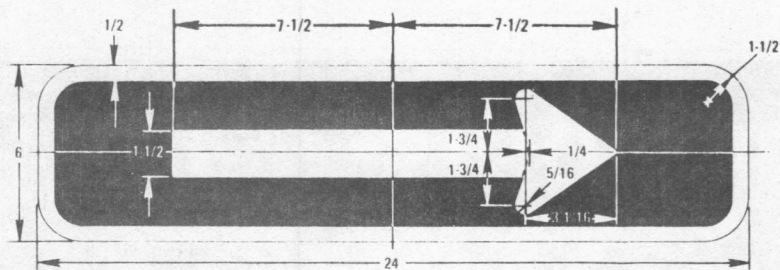
D2-3

COLORS

LEGEND - WHITE (REFL)
BACKGROUND - GREEN



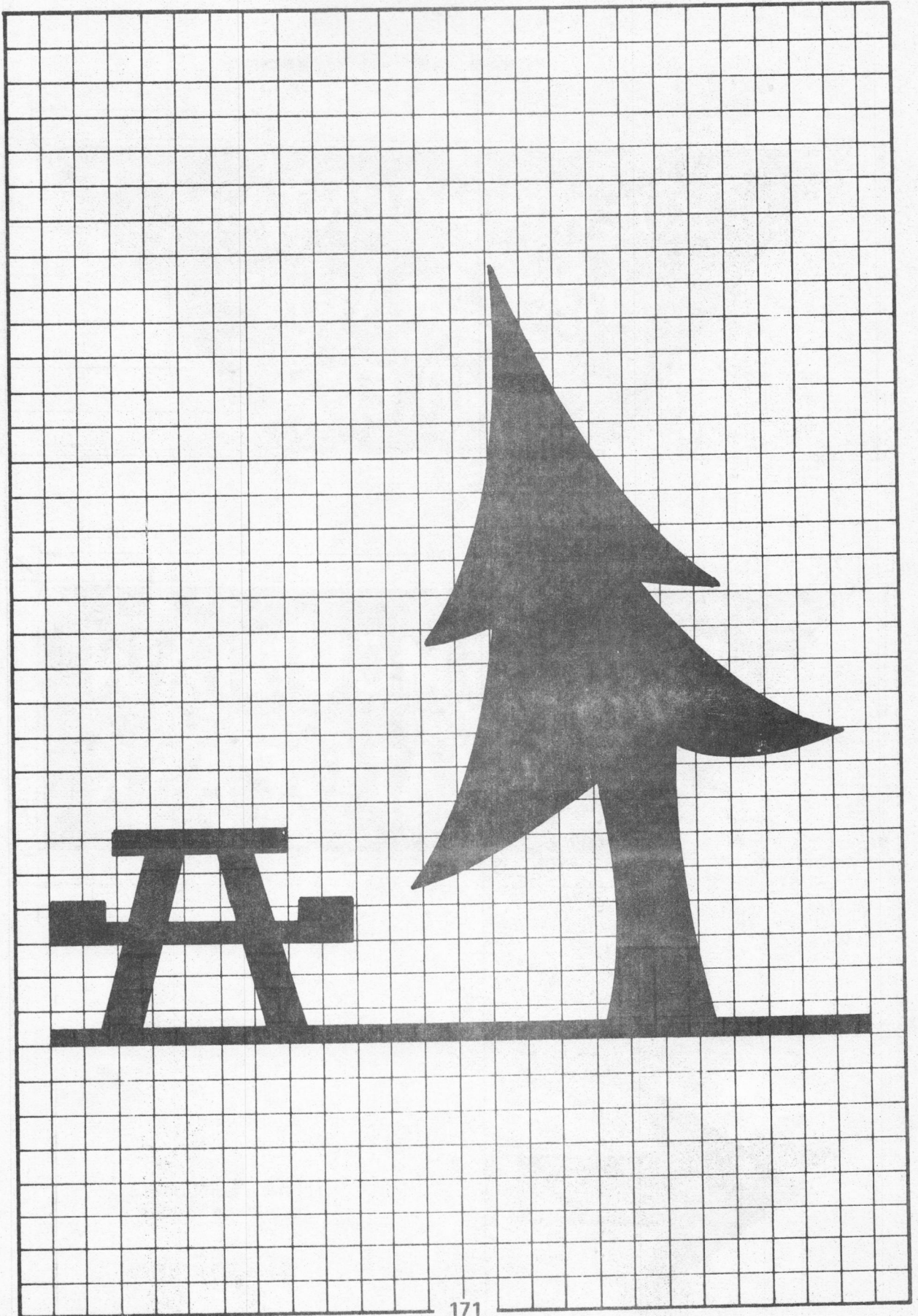
D5-5a

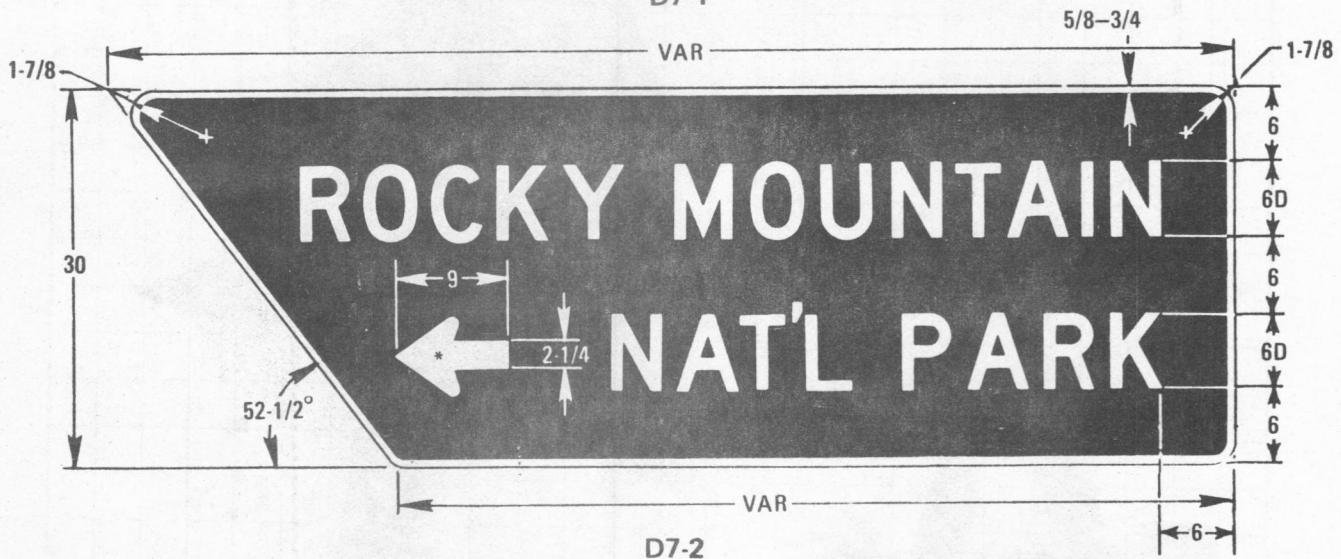
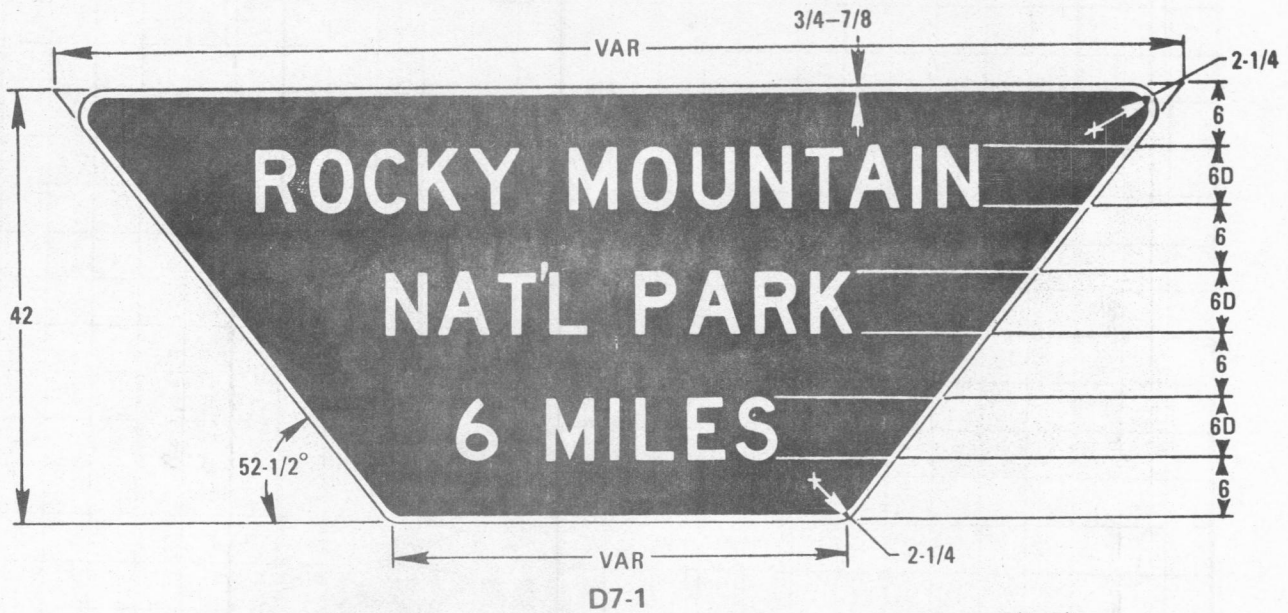


SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
STD. & MIN.	24	1/2	1-1/2	10-1/2	9-1/2	2-1/2	5-1/4	8	10	1-1/2
SPECIAL	30	3/4	1-7/8	13-1/8	11-7/8	3-1/8	6-9/16	10	12-1/2	1-7/8

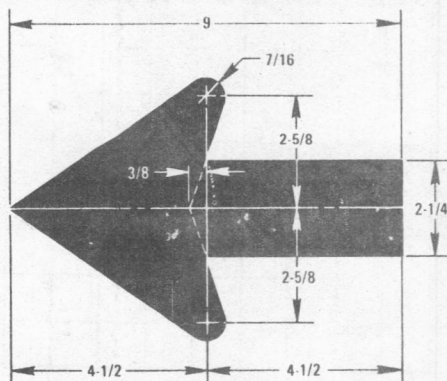
COLORS

LEGEND - WHITE (REFL)
BACKGROUND - BLUE



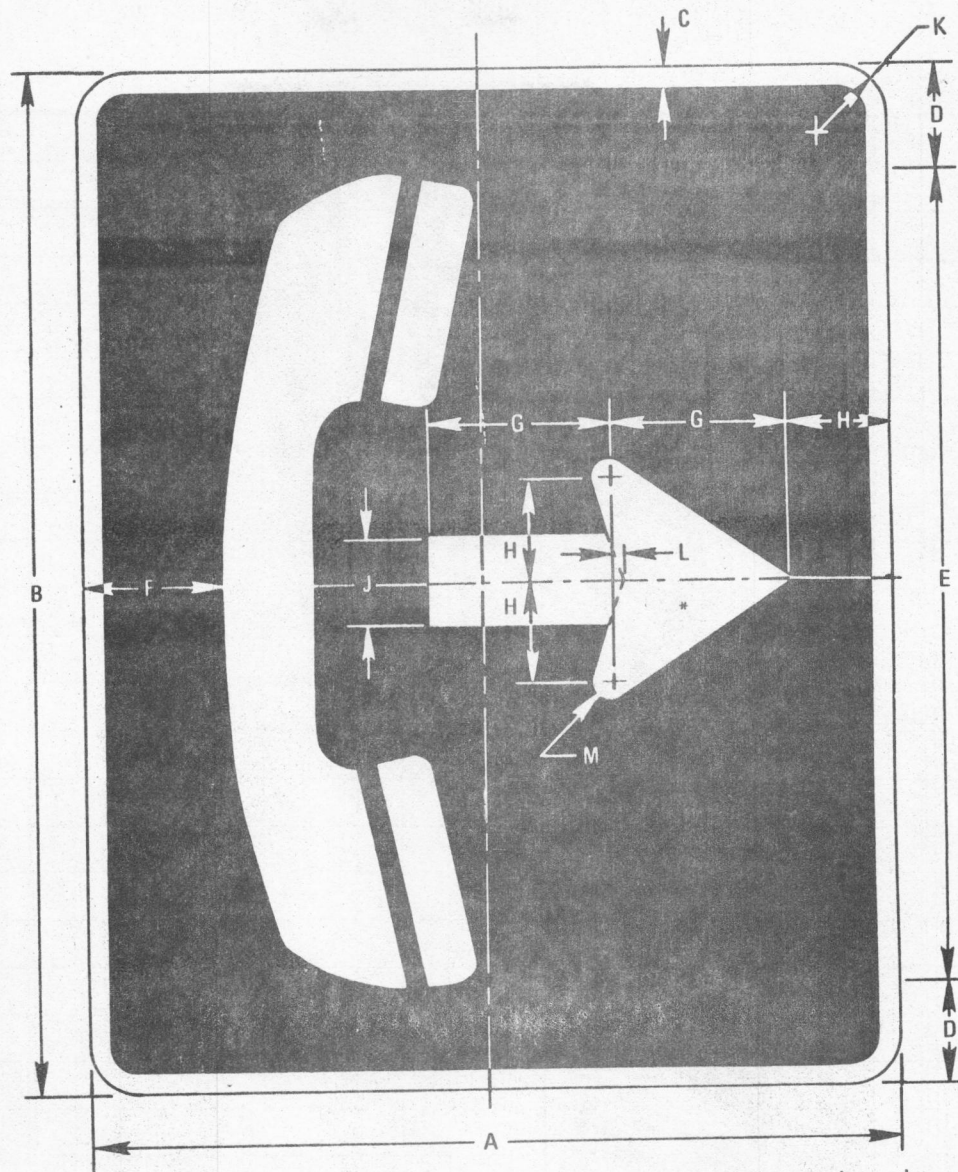


*Tapered shaft design may be used.



COLORS

LEGEND - WHITE (REFL.)
BACKGROUND - BROWN



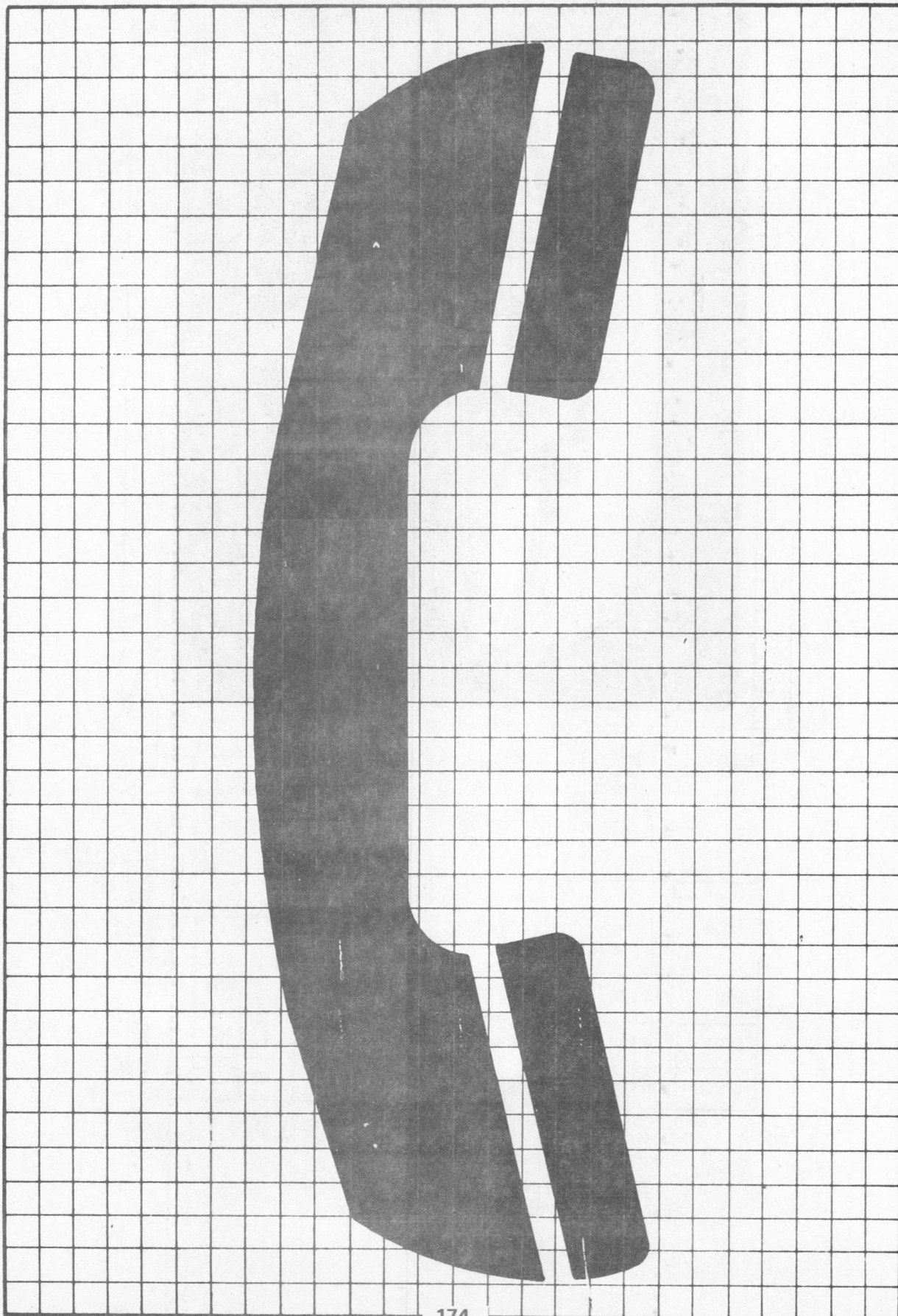
*Tapered arrow design may be used

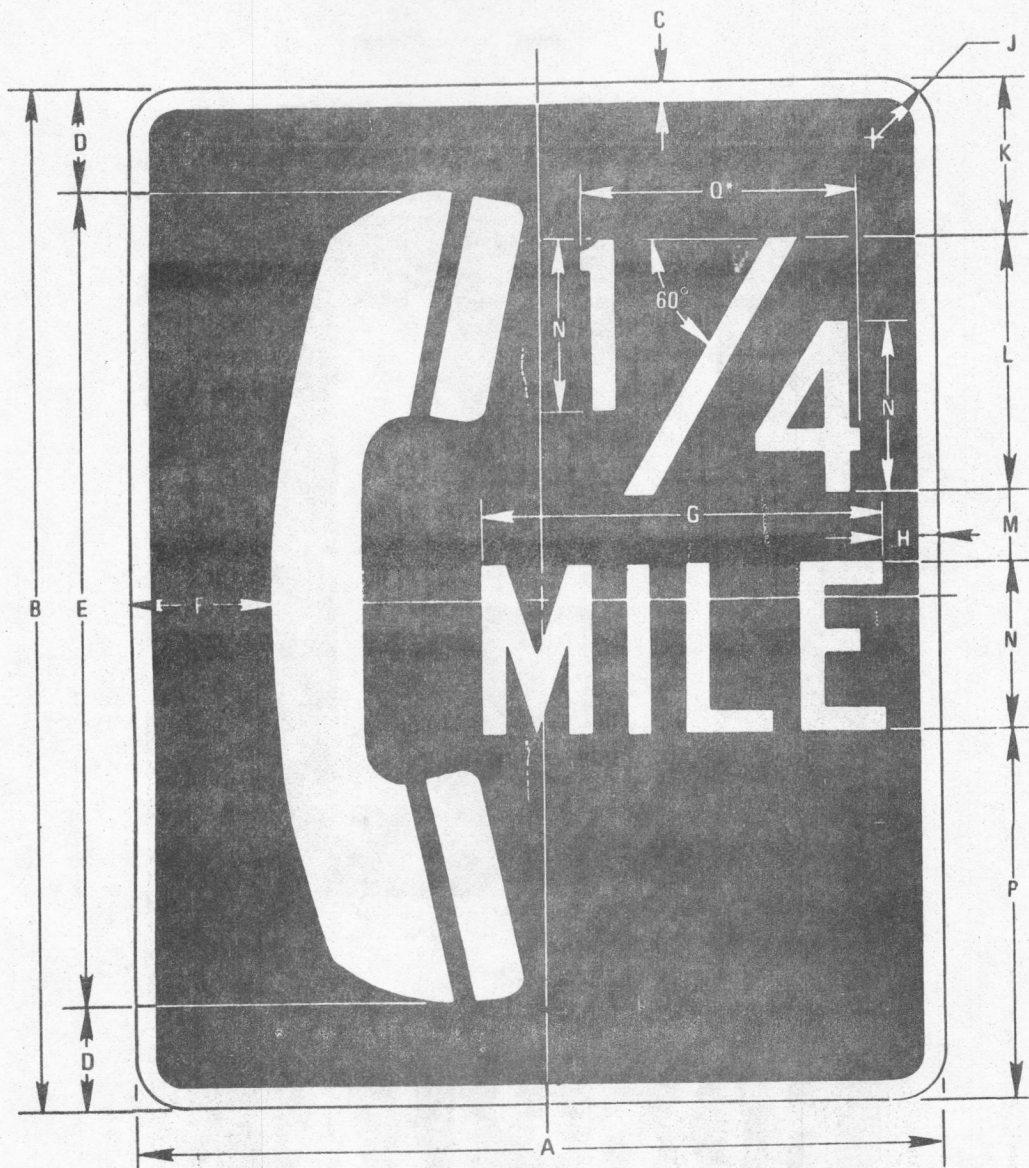
D9-1

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
MIN.	18	24	1/2	3	18	3	4-1/16	2-5/16	2	1-1/2	5/16	3/8
STD.	24	30	5/8	3	24	4	5-1/4	3	2-5/8	1-1/2	3/8	1/2
SPECIAL	30	36	3/4	3	30	5	6-5/8	3-3/4	3-1/4	1-7/8	1/2	5/8

COLORS

LEGEND — WHITE (REFL)
BACKGROUND — BLUE





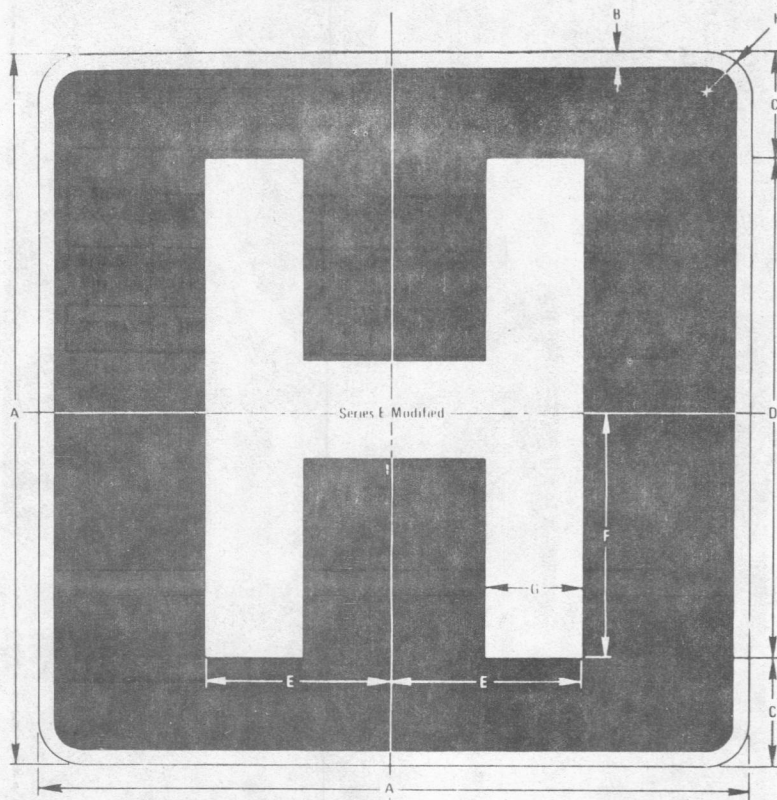
D9-1a

*Optically space numeral(s) above MILE

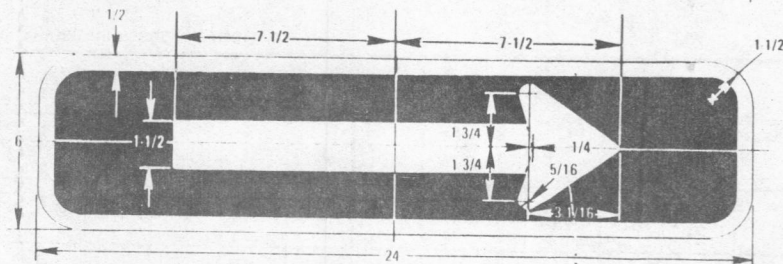
SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
MIN.	18	24	1/2	3	18	3	9-1/2	1-1/2	1-1/2	3-3/4	6	1-1/2	4C	8-3/4	8
STD.	24	30	5/8	3	24	4	11-7/8	1-3/4	1-1/2	4-1/2	7-1/2	2	5C	11	10
SPECIAL	30	36	3/4	3	30	5	14-1/4	2	1-7/8	5	9	2-1/2	6C	13-1/2	12

COLORS

LEGEND - WHITE (REFL)
BACKGROUND BLUE



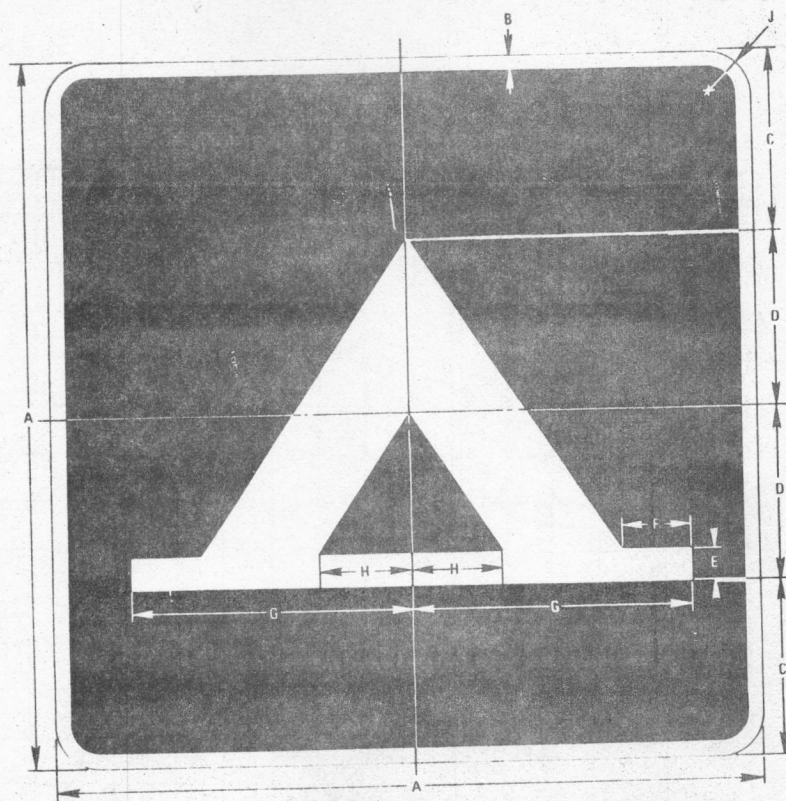
D9-2



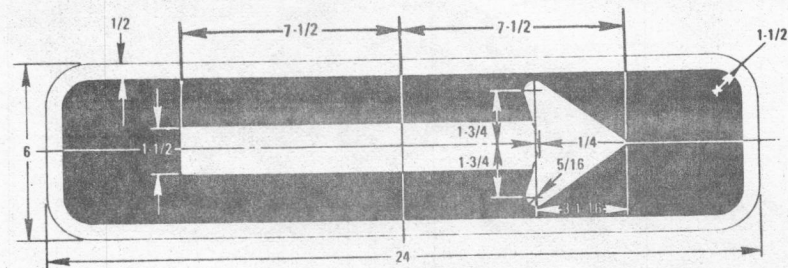
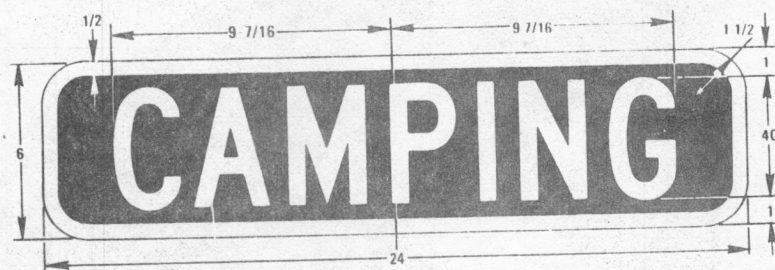
SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
STD. & MIN	24	1/2	4	16	6-3/8	8-3/8	3-1/5	1-1/2
SPECIAL	30	3/4	5	20	8	10-3/8	4	1-7/8

COLORS

LEGEND - WHITE (REFL.)
BACKGROUND - BLUE



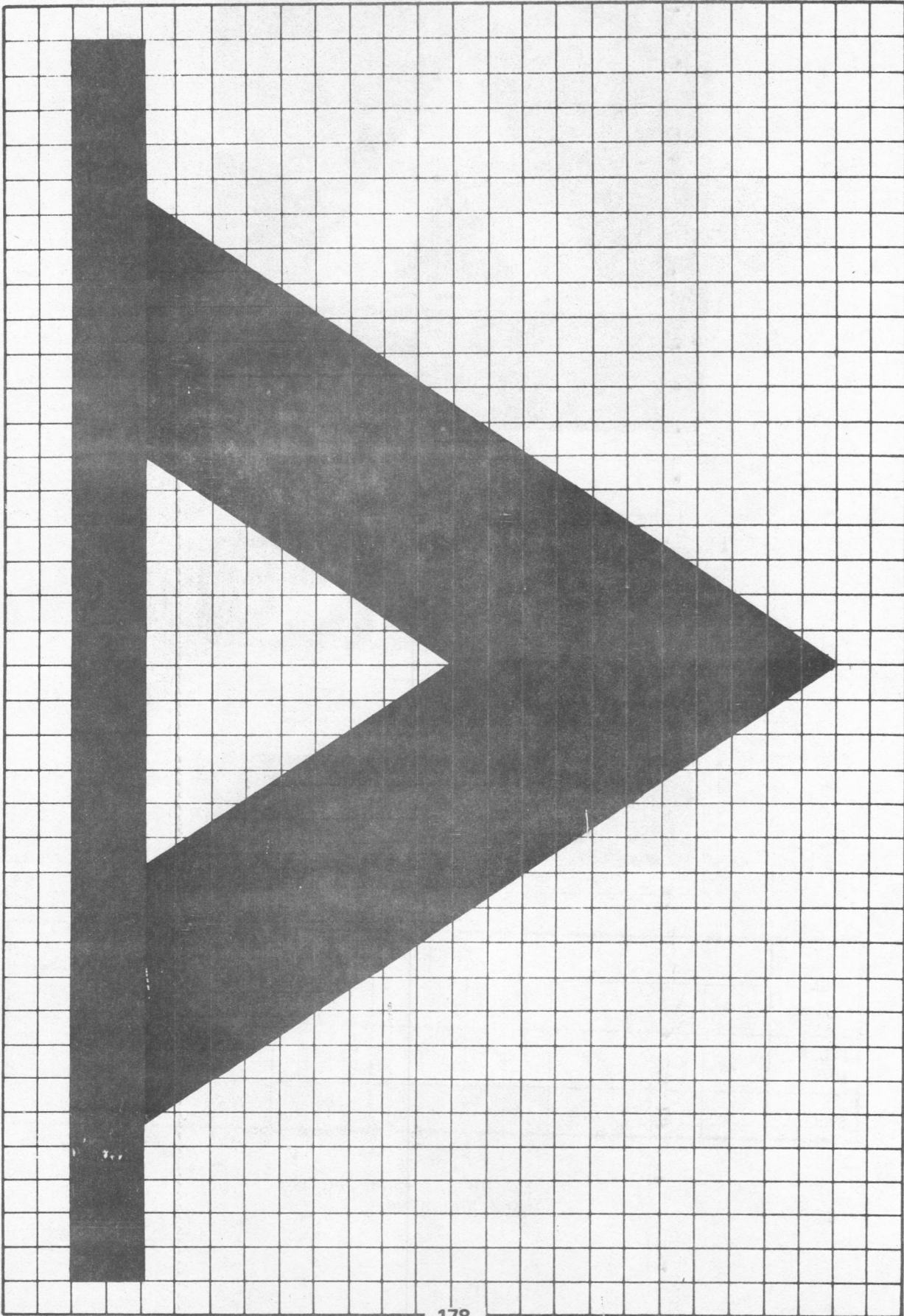
D9-3



SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
STD. & MIN.	24	1/2	6	6	1-1/8	2-1/4	9-1/2	3-1/4	1-1/2
SPECIAL	30	3/4	7-1/2	7-1/2	1-7/16	2-13/16	11-7/8	4-1/16	1-7/8

COLORS

LEGEND - WHITE (REFL)
BACKGROUND - BLUE

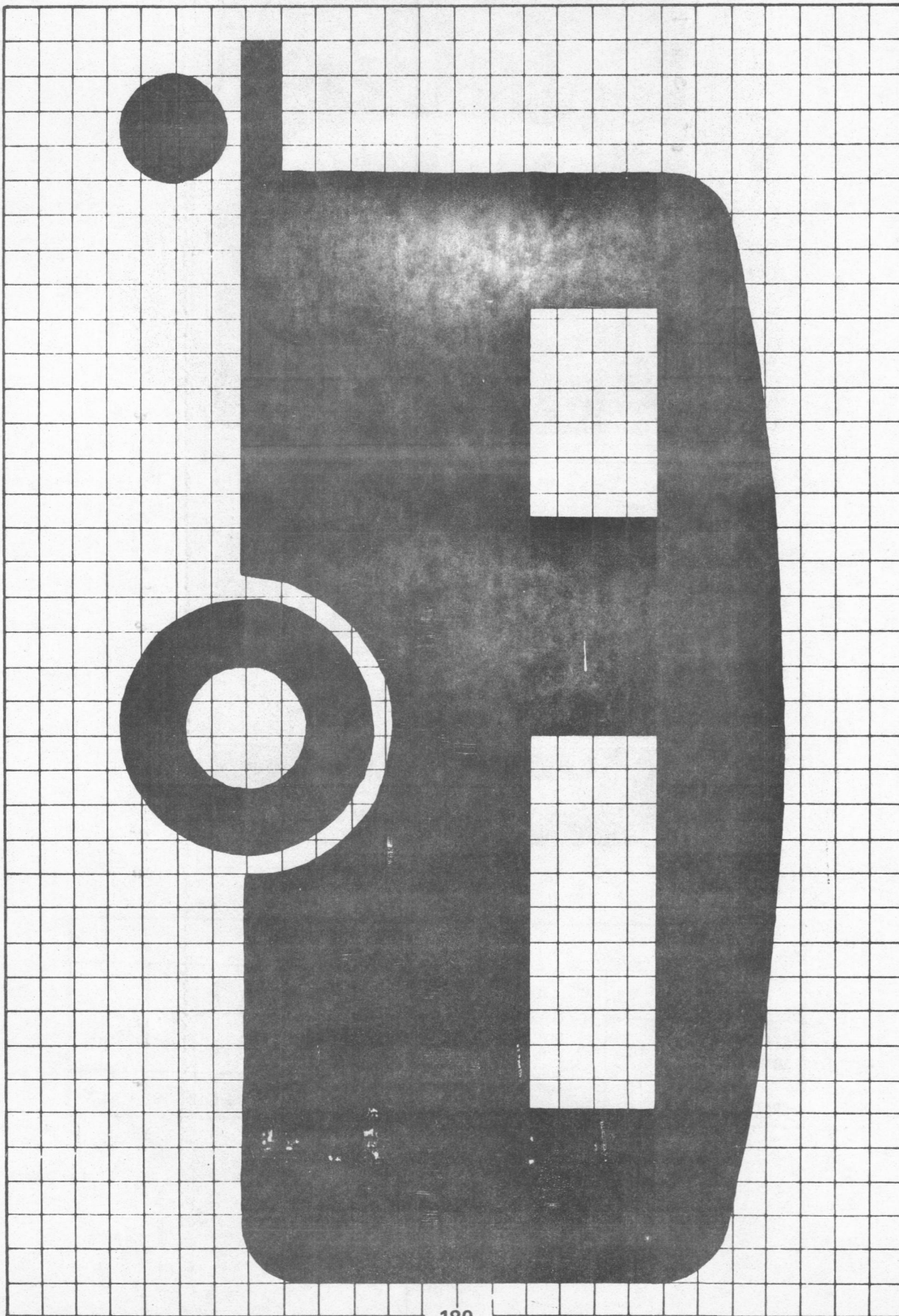


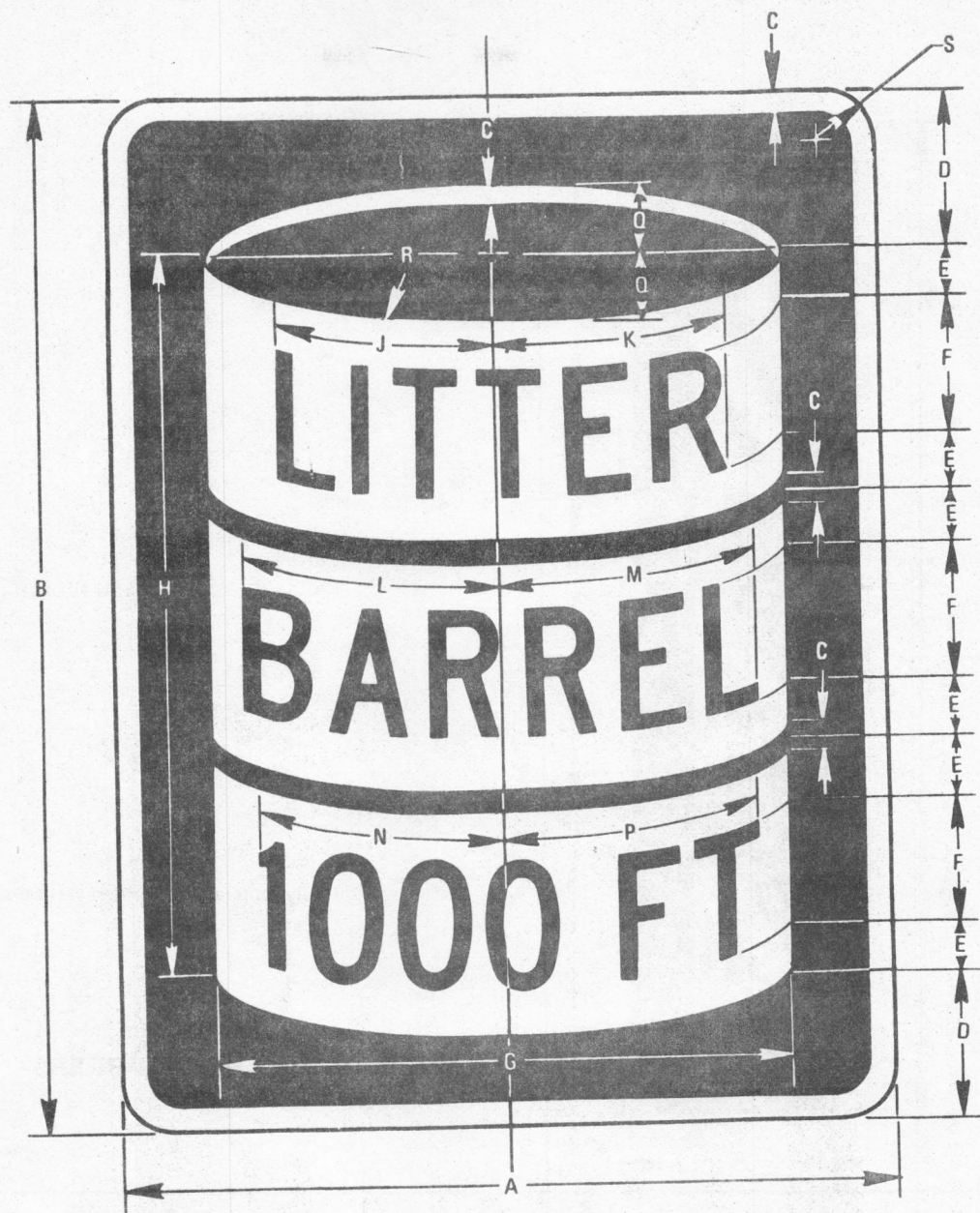


SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
STD. & MIN.	24	1/2	8	4	5	7	8-3/4	8-1/4	1-3/4	1-1/2
SPECIAL	30	3/4	10	5	6-1/4	8-3/4	10-15/16	10-5/16	2-3/16	1-7/8

COLORS

LEGEND — WHITE (REFL)
 BACKGROUND — BLUE



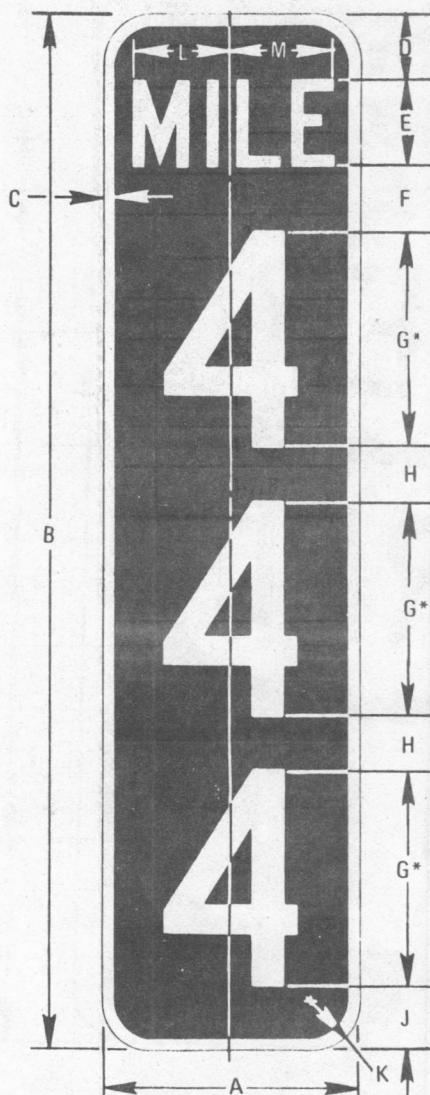


D9-4

SIGN	DIMENSIONS (INCHES)																
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
MIN. & STD.	24	30	5/8	4-1/2	1-1/2	4C	18	21	6-5/8	7	8-1/4	8-1/2	7-1/2	8	2	17	1-1/2
SPECIAL	36	48	1	9	2	6C	24	30	10	10-1/2	12-3/8	12-3/4	11	11-1/2	3	17	2-1/4

COLORS

BORDER AND SYMBOL - WHITE (REFL)
 BACKGROUND AND LEGEND - BLUE
 181



COLORS

LEGEND - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)

*Optically center numeral about vertical centerline

D 10 MILEPOST MARKERS

EXPWY-FWY USE				CONVENTIONAL USE		
	D10-4 (1-digit)	D10-5 (2-digits)	D10-6 (3-digits)	D10-1 (1-digit)	D10-2 (2-digits)	D10-3 (3-digits)
A	12	12	12	10	10	10
B	24	36	48	18	27	36
C	1/2	1/2	1/2	1/2	1/2	1/2
D	3	3	3	2	2	2
E	4C	4C	4C	4B	4B	4B
F	3	3	3	2	2	2
G	10C	10C	10C	6C	6C	6C
H	—	3	2-1/2	—	3	3
J	4	3	3	4	4	4
K	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2
L	4-5/8	4-5/8	4-5/8	3-5/8	3-5/8	3-5/8
M	4-7/8	4-7/8	4-7/8	3-7/8	3-7/8	3-7/8



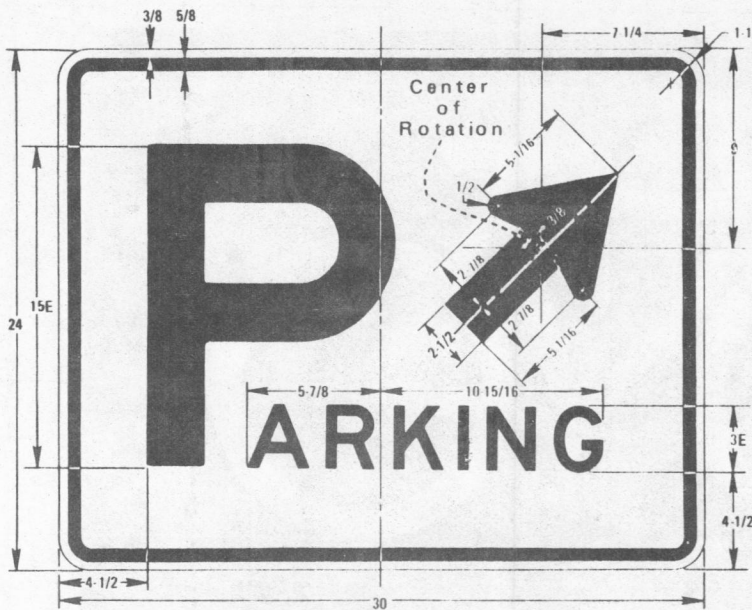
D11-1

*See page 111 for symbol design.

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
STD. & MIN.	24	18	1/2	1-1/2	7	3-1/2	3C	5-1/2	9-1/2	1-1/2
SPECIAL	30	24	5/8	1-7/8	8-3/4	4-3/8	4C	6-7/8	12-1/2	1-1/2

COLORS

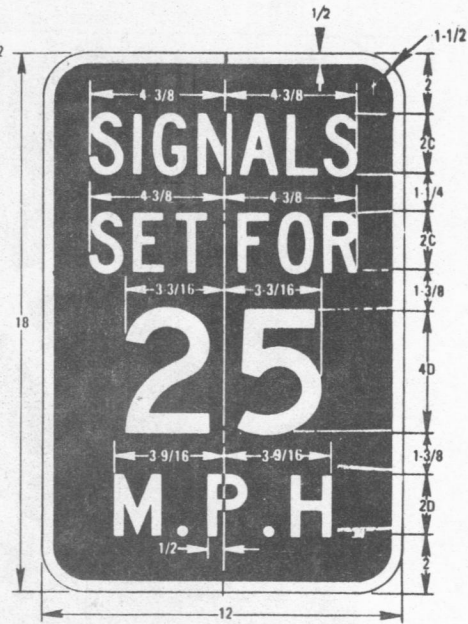
LEGEND -- WHITE (REFL)
BACKGROUND -- GREEN



D4-1

COLORS

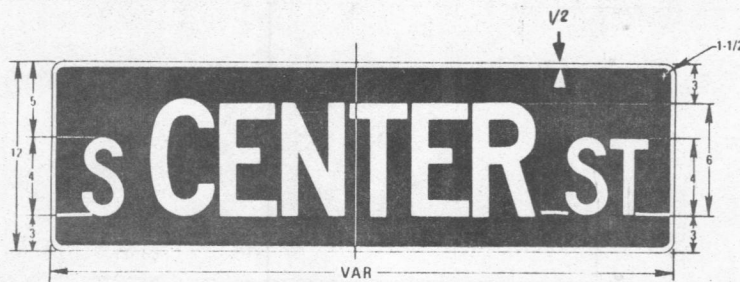
LEGEND - GREEN (NON-REFL.)
BACKGROUND - WHITE (REFL.)



I1-1

COLORS

LEGEND - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)



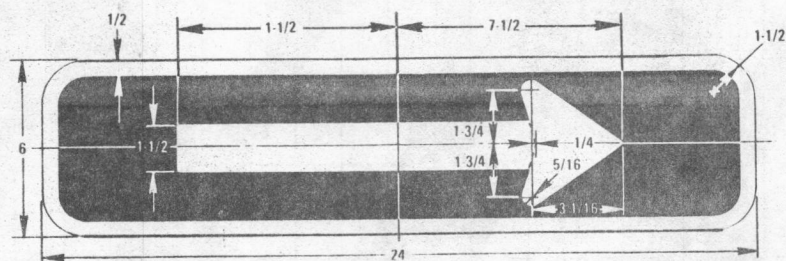
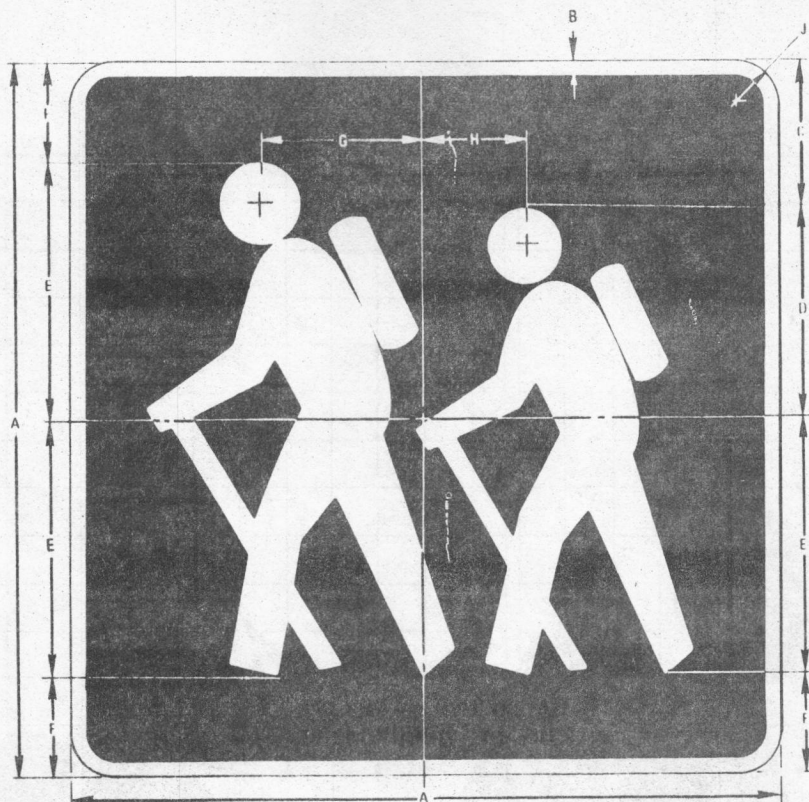
D-3



D-3

COLORS

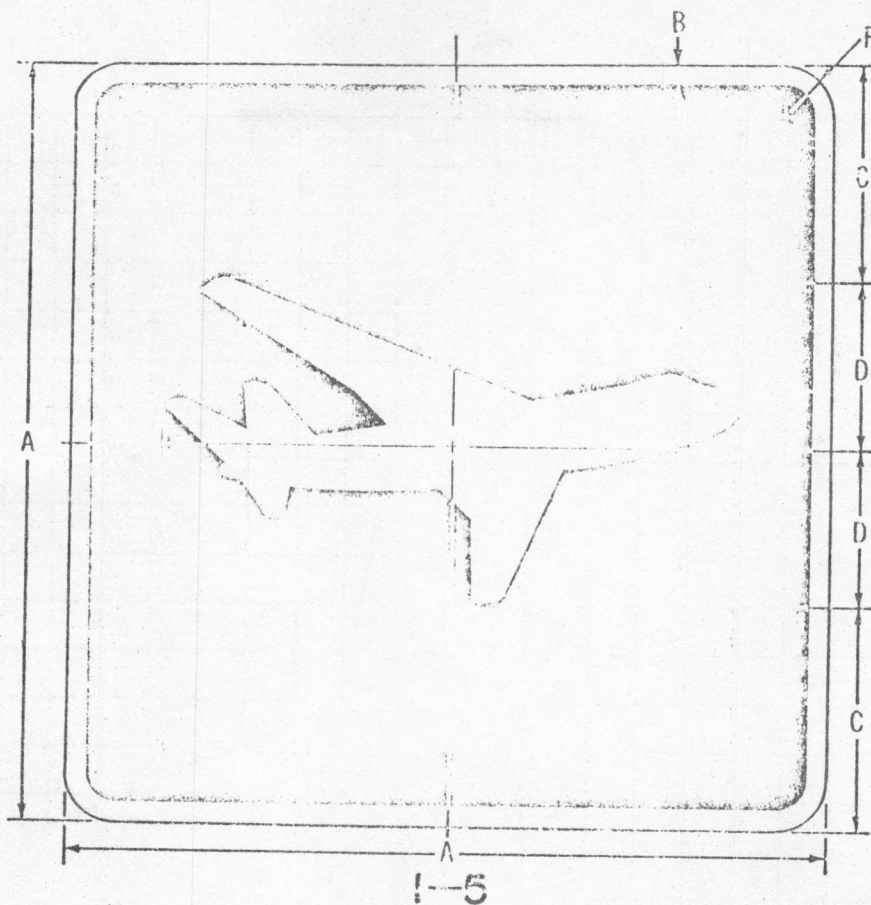
LEGEND - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)



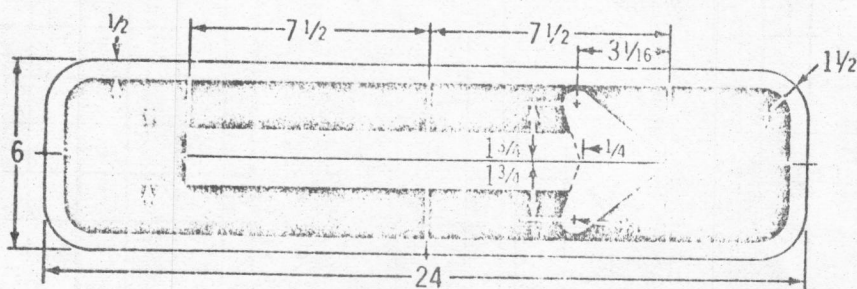
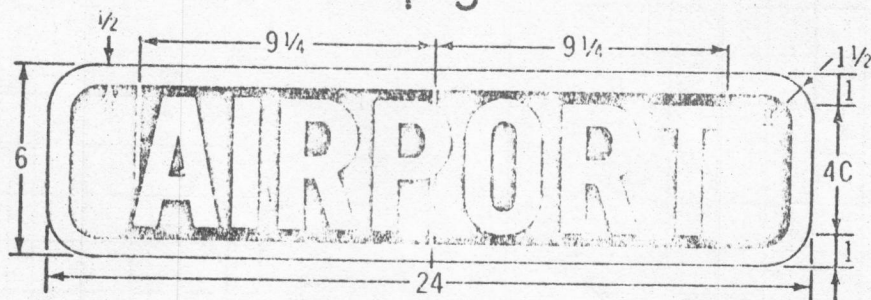
SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
STD. & MIN.	24	1/2	4-1/2	7-1/2	9	3	5-1/2	3-1/2	1-1/2
SPECIAL	30	3/4	5-5/8	9-3/8	11-1/4	3-3/4	6-1/4	4-3/8	1-7/8

COLORS
LEGEND - WHITE (REFL.)
BACKGROUND - GREEN





1-5

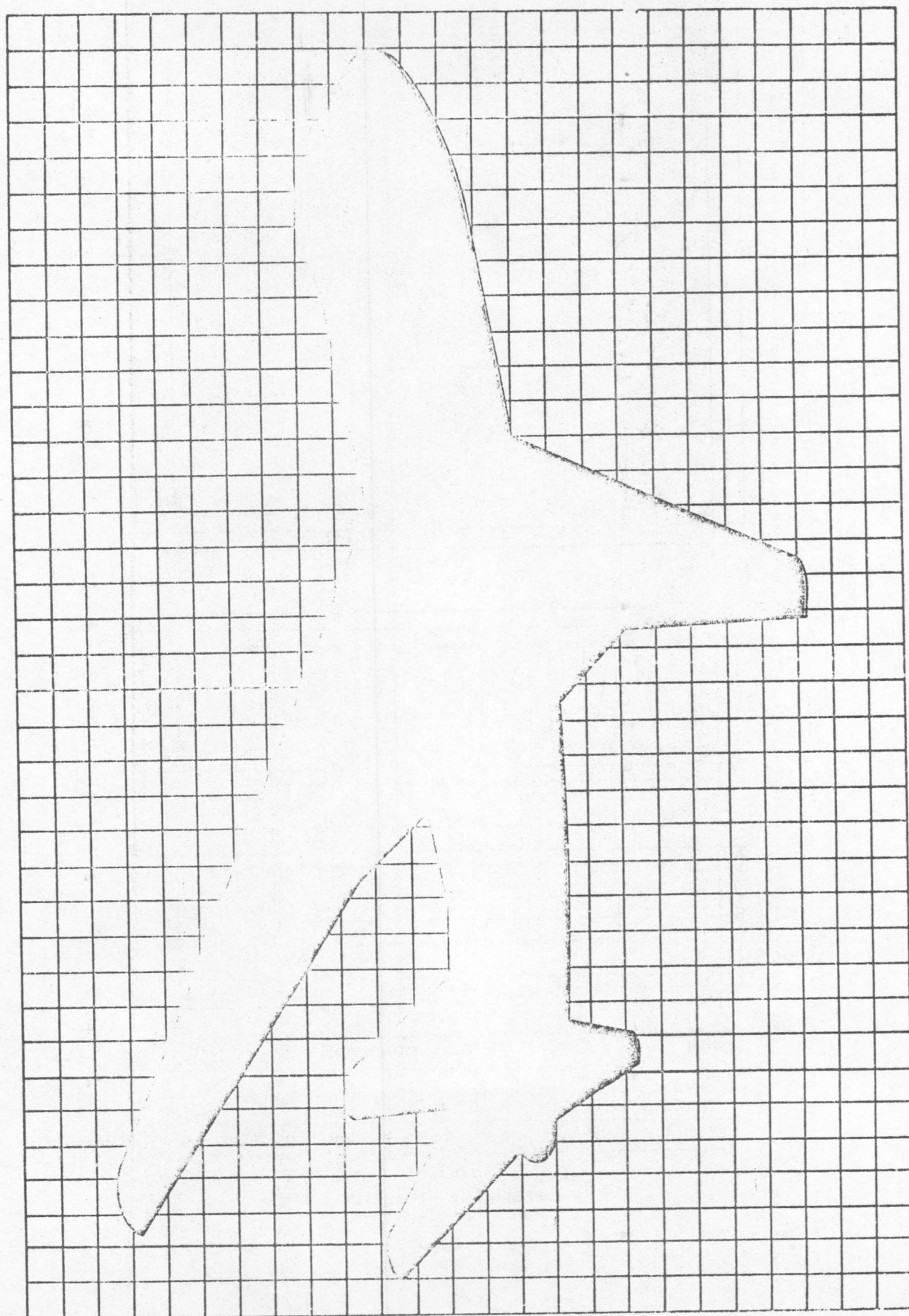


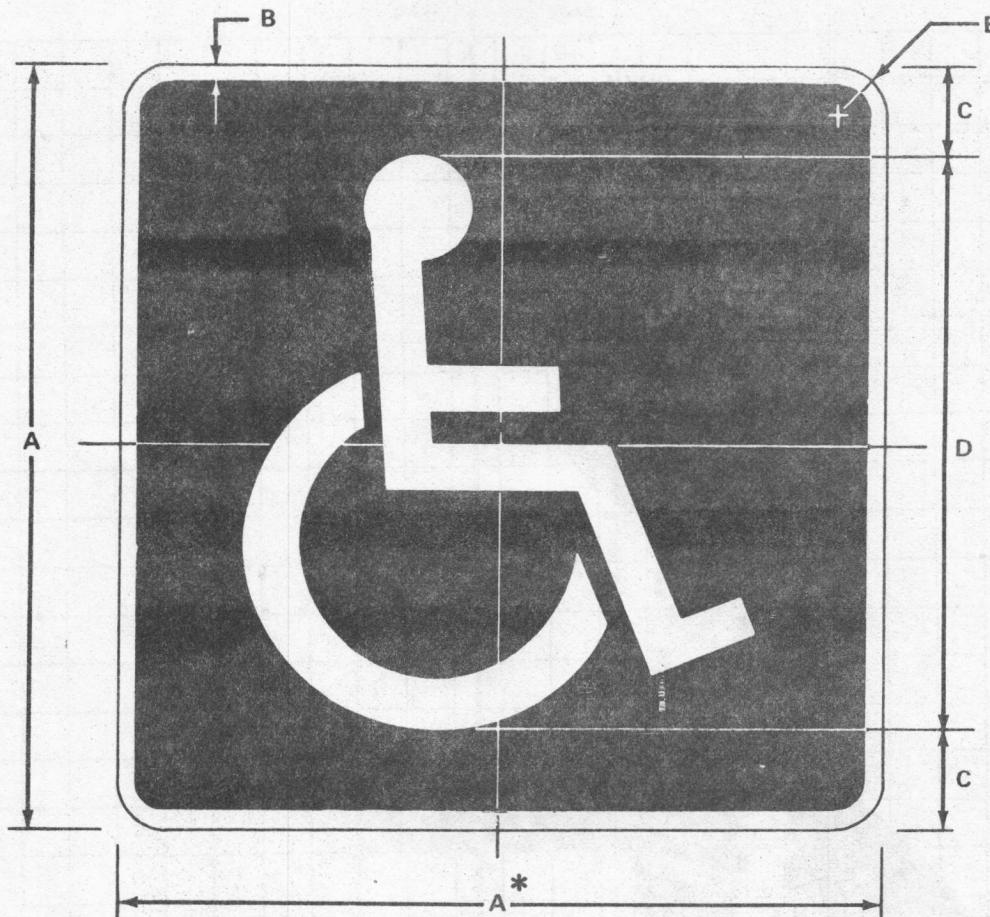
SIGN	DIMENSION (INCHES)					
	A	B	C	D	E	F
STD & MIN	24	$\frac{1}{2}$	7	5	9	$1\frac{1}{2}$
SPECIAL	30	$\frac{3}{4}$	$8\frac{5}{8}$	$6\frac{3}{8}$	$11\frac{1}{4}$	$1\frac{7}{8}$

COLORS

LEGEND - WHITE (REFL)
BACKGROUND - GREEN

186 a





D9-6

* Smaller size panels may be used as applicable within terminal areas.

SIGN	DIMENSIONS (INCHES)				
	A	B	C	D	E
MIN & STD*	24	1/2	3	18	1 1/2
SPECIAL	30	3/4	3 3/4	22 1/2	1 7/8

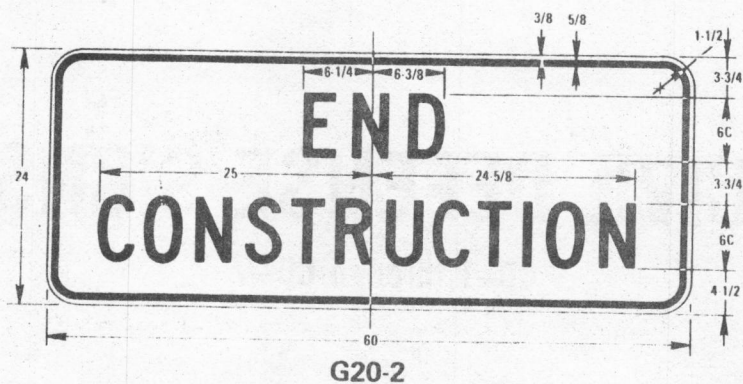
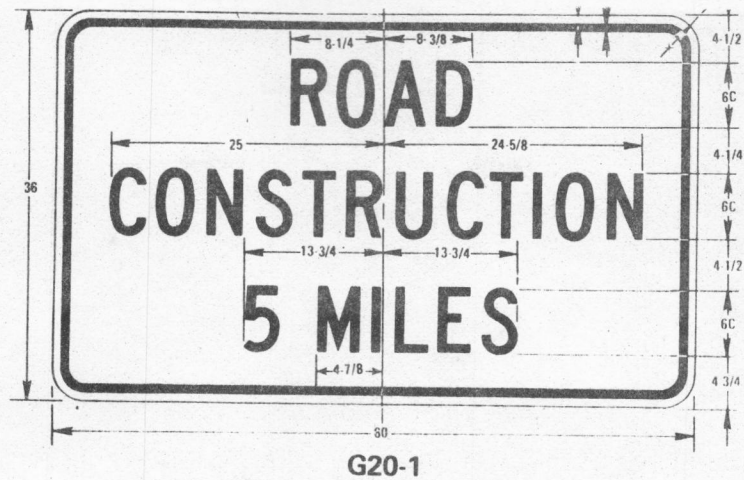
COLORS

LEGEND - WHITE (REFL)

BACKGROUND - BLUE

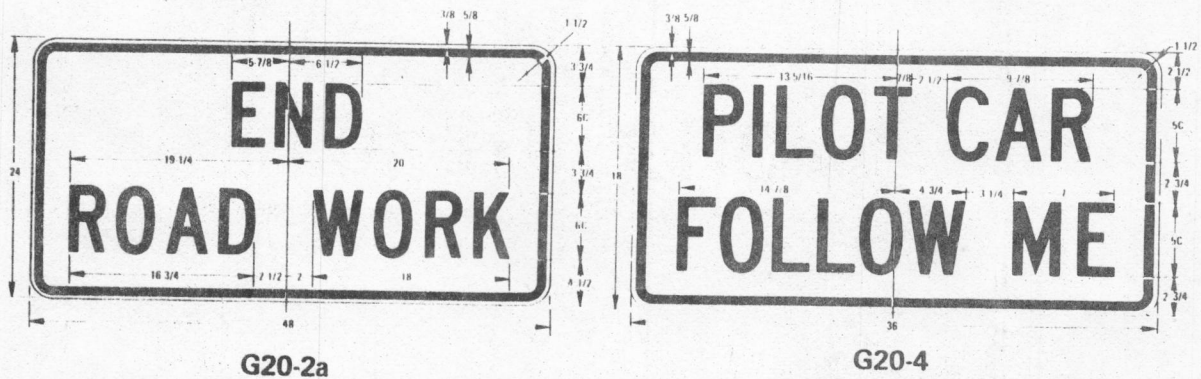
Q





COLORS

LEGEND - BLACK (NON REFL)
BACKGROUND - ORANGE



COLORS

LEGEND - BLACK (NON REFL)
BACKGROUND - ORANGE

CIVIL DEFENSE SIGNS

CD-1 through CD-7



CD-1
18" DIAMETER

COLORS

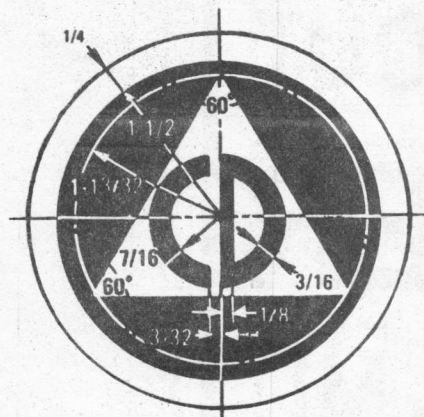
LEGEND — WHITE (REFL)
BACKGROUND — BLUE



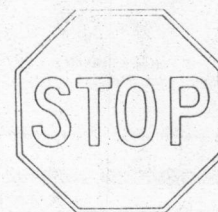
CD-2

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



DETAIL OF CIVIL DEFENSE SYMBOL



R1-1 (30 X 30)



CD-3

*Reduce spacing 25%

COLORS

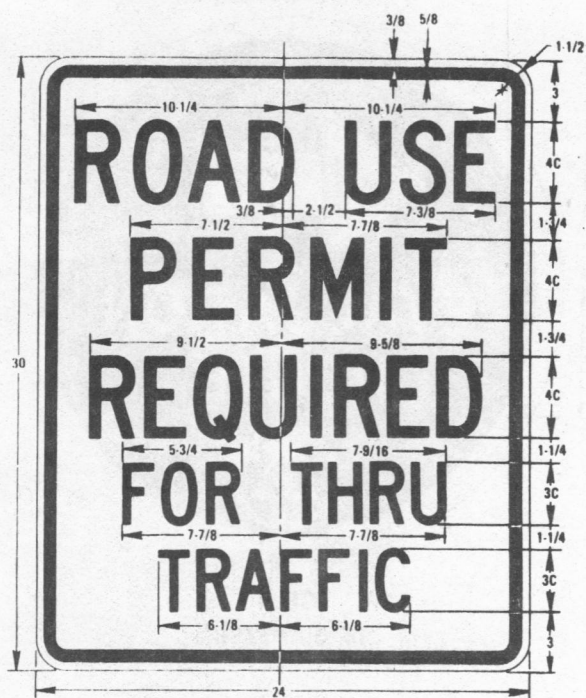
LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



CD-4

COLORS

LEGEND BLACK (NON-REFL.)
BACKGROUND WHITE (REFL.)



CD-5

COLORS

LEGEND BLACK (NON-REFL.)
BACKGROUND WHITE (REFL.)



CD-7

*Reduce spacing 40%

**Optically space arrow and mileage characters about vert. centerline.

COLORS

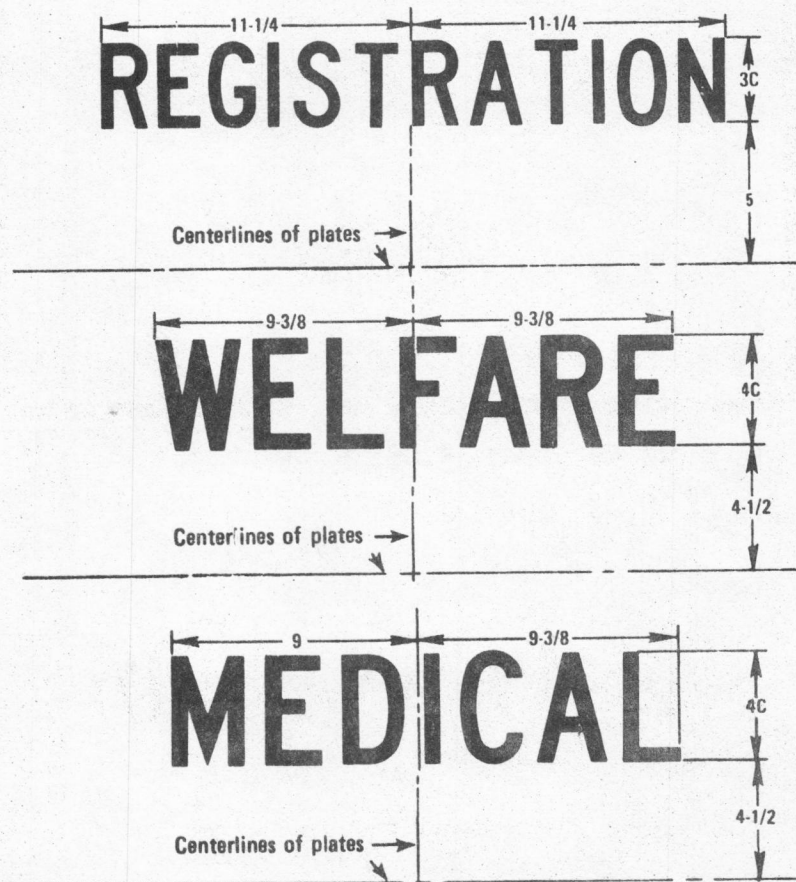
LEGEND - BLACK (NON-REFL.)

BACKGROUND - WHITE (REFL.)

CD EMBLEM - YELLOW TRIANGLES INSCRIBED IN A
BLACK CIRCLE PLACED ON A YELLOW
SQUARE.

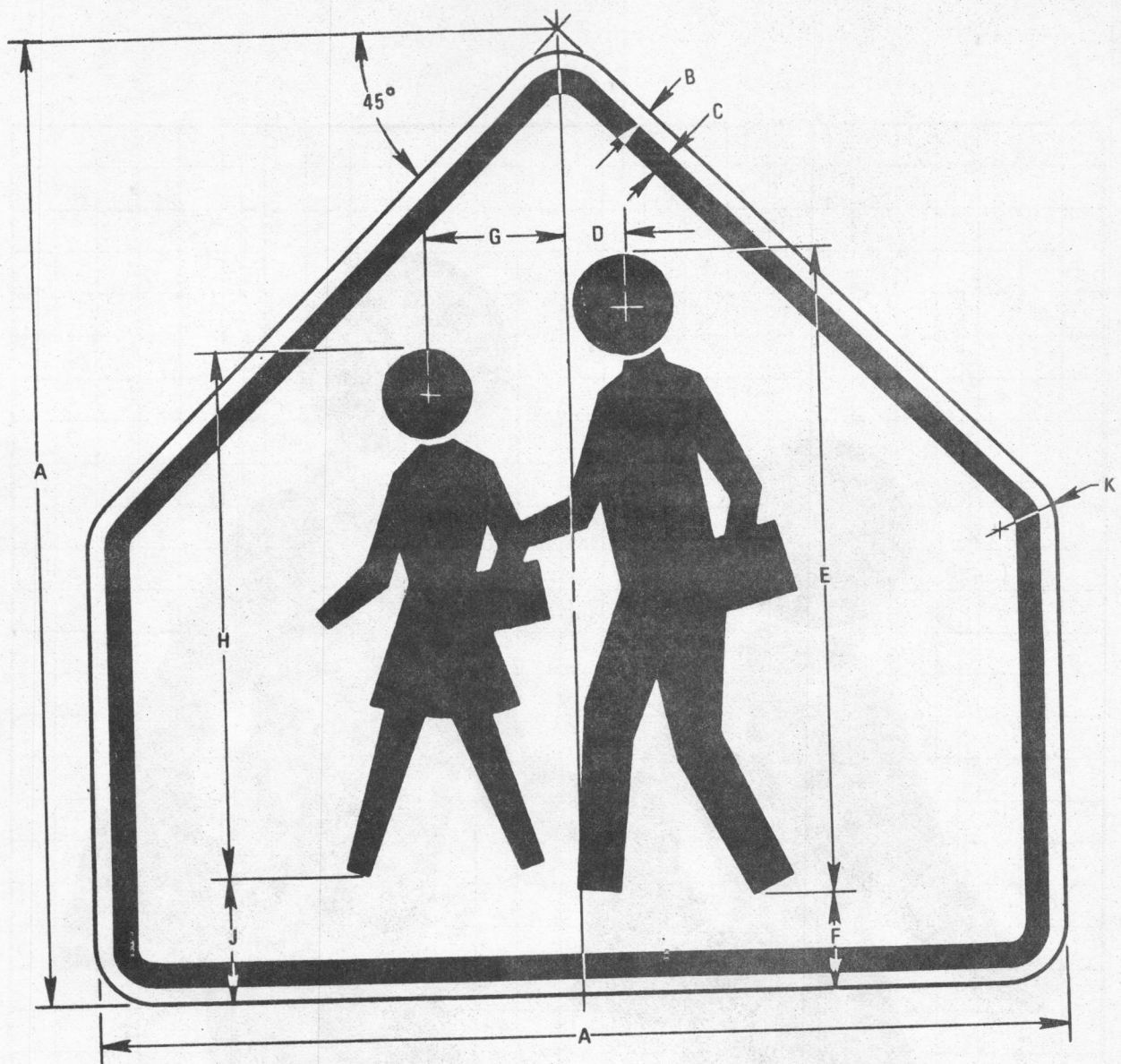


LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE (REFL)



SCHOOL SIGNS

S1-1 through S5-1

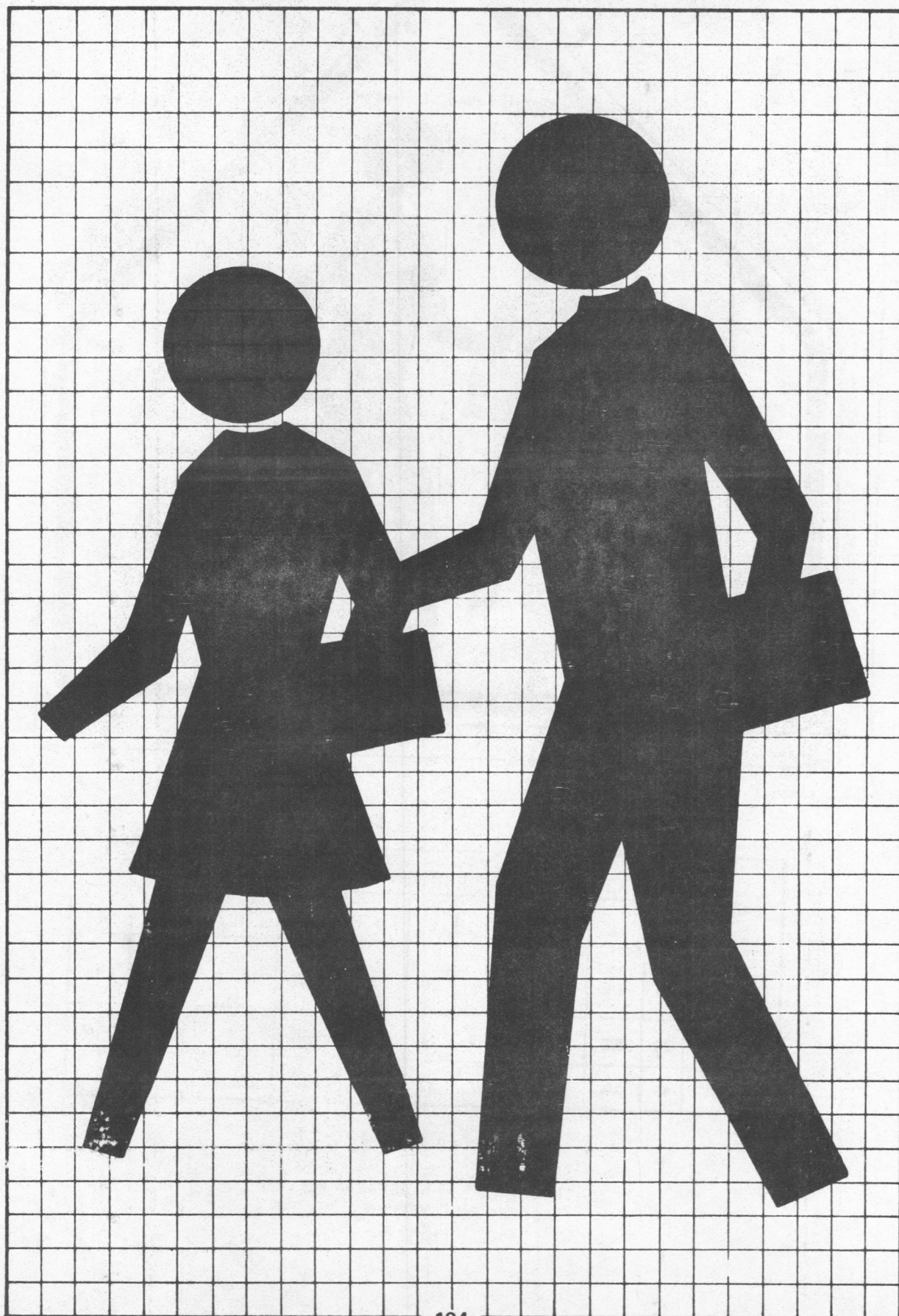


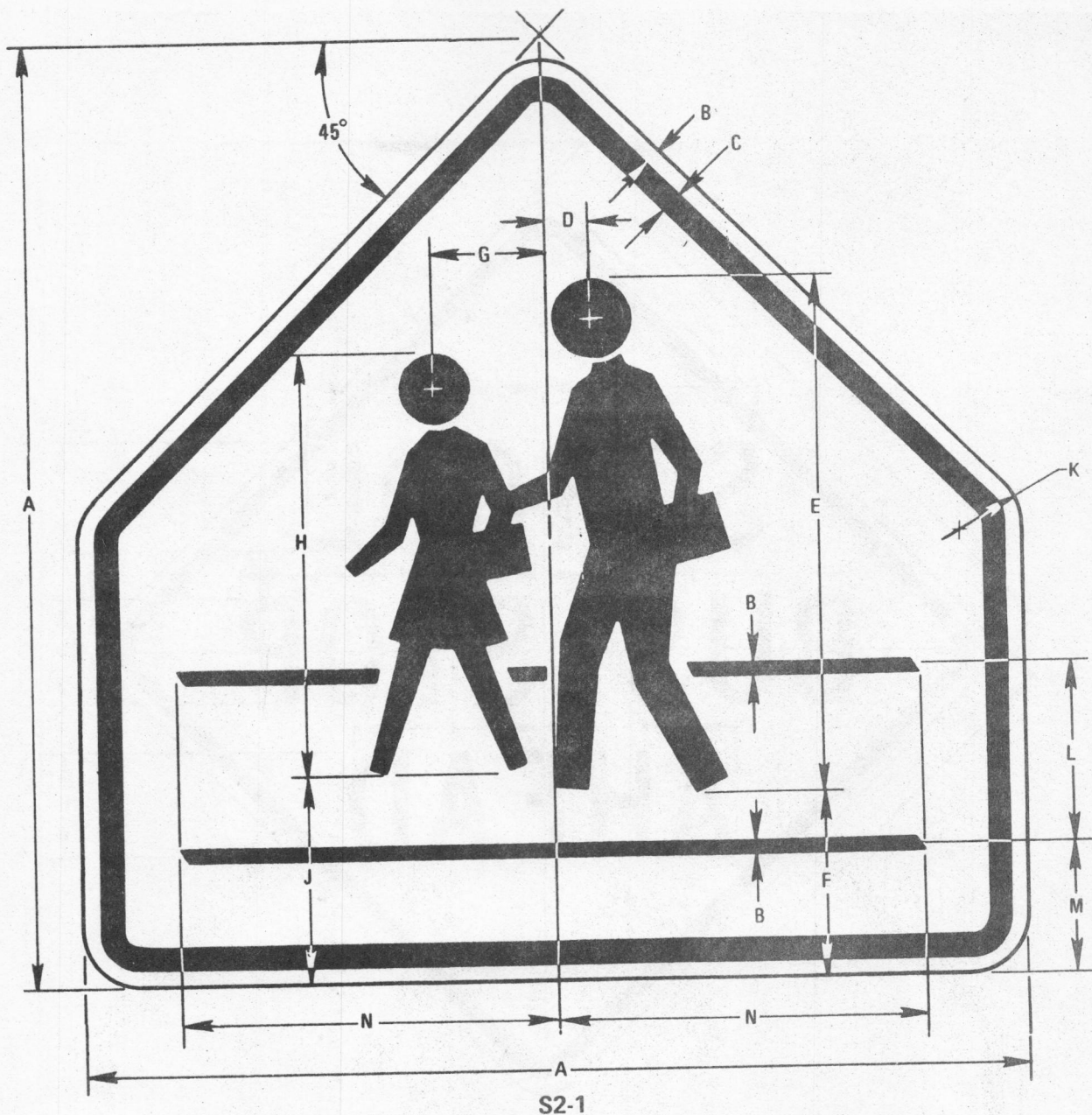
S1-1

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
STD. & MIN.	30	1/2	3/4	2	20	3	4-1/2	16-1/2	3-3/4	1-7/8
EXPWY.	36	5/8	7/8	2-1/2	24	3-1/2	5-3/8	20	4-1/2	2-1/4
SPECIAL	48	3/4	1-1/4	3-1/4	32	5	7-1/4	26-1/2	6	3

COLORS

LEGEND - BLACK (NON-REFL)
 BACKGROUND - YELLOW

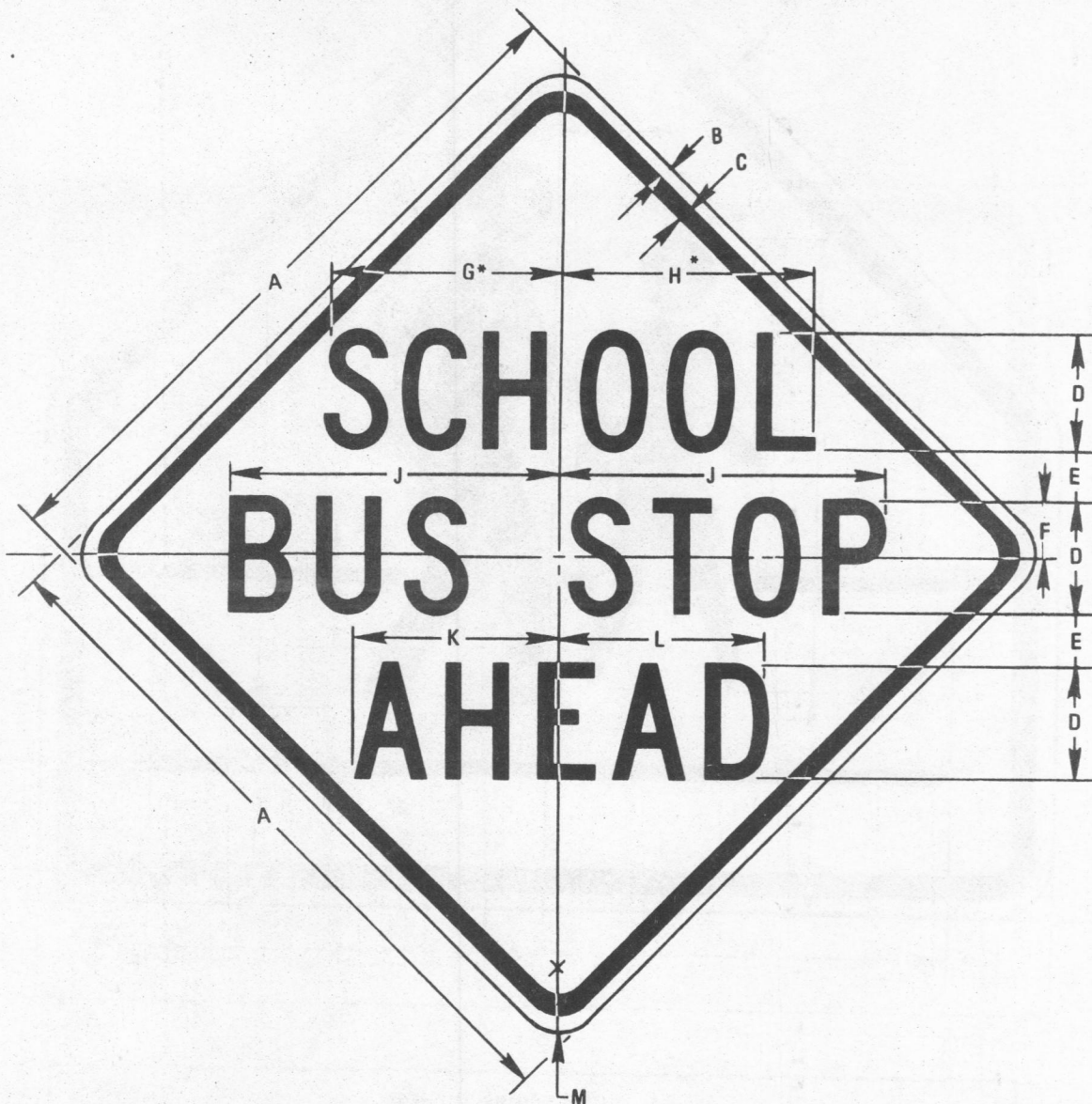




SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	N
STD. & MIN.	30	1/2	3/4	1-1/4	16-1/2	6	3-3/4	13-1/2	6-1/2	1-7/8	5-3/4	4	12
EXPWY.	36	5/8	7/8	1-1/2	19-3/4	7-1/4	4-1/2	16-1/4	7-13/16	2-1/4	6-7/8	4-3/4	14-3/8
SPECIAL	48	3/4	1-1/4	2	26-1/2	9-1/2	6	21-1/2	10-3/8	3	9-1/4	6-1/2	19-1/4

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW



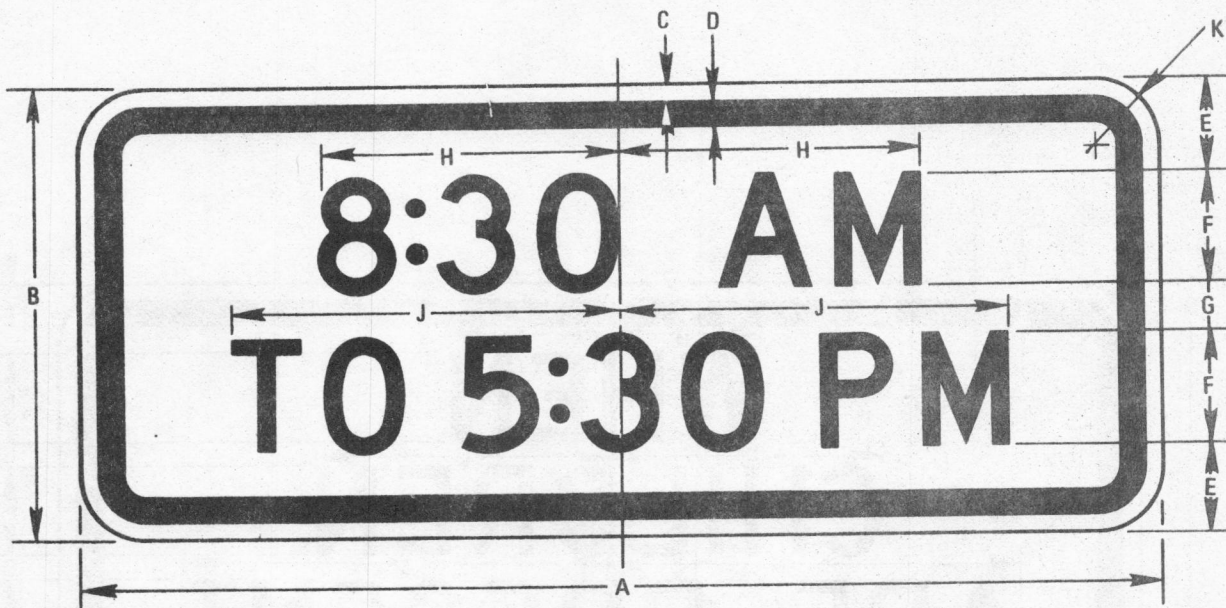
S3-1

*Reduce spacing 13-17/2%.

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
MIN. & STD.	30	1/2	3/4	5C	2	2-1/2	10	10-1/2	14	8-1/4	9	1-7/8
SPECIAL	36	5/8	7/8	6C	3	3	11-3/4	12-3/4	17	10	11	2-1/4

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW



S4-1

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
STD. & MIN.	24	10	3/8	5/8	2	2-1/2D	1	6-11/16	8-5/8	1-1/2
EXPWY.	36	15	5/8	7/8	2-3/4	4D	1-1/2	10-1/2	14-5/8	2-1/4
SPECIAL	48	20	3/4	1-1/4	4	5D	2	13-3/8	17-1/4	3

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE

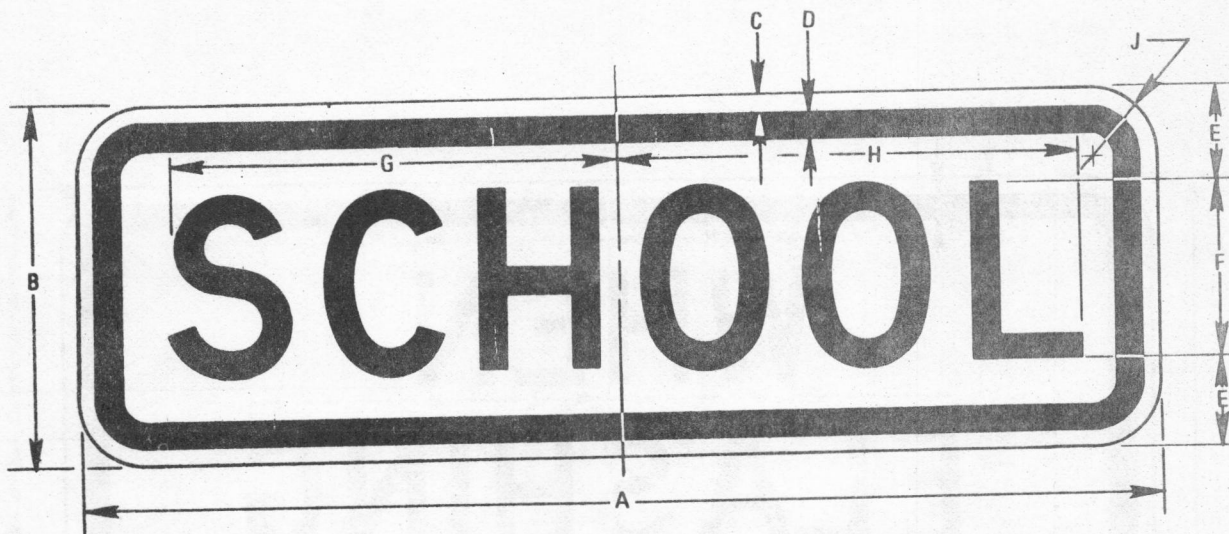


S4-2

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
STD. & MIN.	24	10	3/8	5/8	1-1/2	2D	1/2	3-1/2	3-5/16	1-1/2	6-1/4	9-5/16
EXPWY.	36	15	5/8	7/8	2-1/4	3D	3/4	5-3/16	5-1/8	2-1/4	9-3/8	14
SPECIAL	48	20	3/4	1-1/4	3	4D	1	7	6-5/8	3	12-1/2	18-5/8

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - WHITE



S4-3

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
STD. & MIN.	24	8	3/8	5/8	2	4D	10	10-1/4	1-1/2
EXPWY.	36	12	5/8	7/8	3	6D	15	15-3/8	2-1/4
SPECIAL	48	16	3/4	1-1/4	4	8D	20	20-1/2	3

COLORS

LEGEND - BLACK (NON-REFL)
BACKGROUND - YELLOW



S4-4

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
STD. & MIN.	24	10	3/8	5/8	2	2-1/2D	1	4-3/8	4-1/4	1-1/2	7-5/8	8-1/16
EXPWY.	36	15	5/8	7/8	2-3/4	4D	1-1/2	6-15/16	6-13/16	2-1/4	12-3/16	12-15/16
SPECIAL	48	20	3/4	1-1/4	4	5D	2	8-3/4	8-1/2	3	15-1/4	16-1/8

COLORS

LEGEND — BLACK (NON-REFL)
BACKGROUND — WHITE



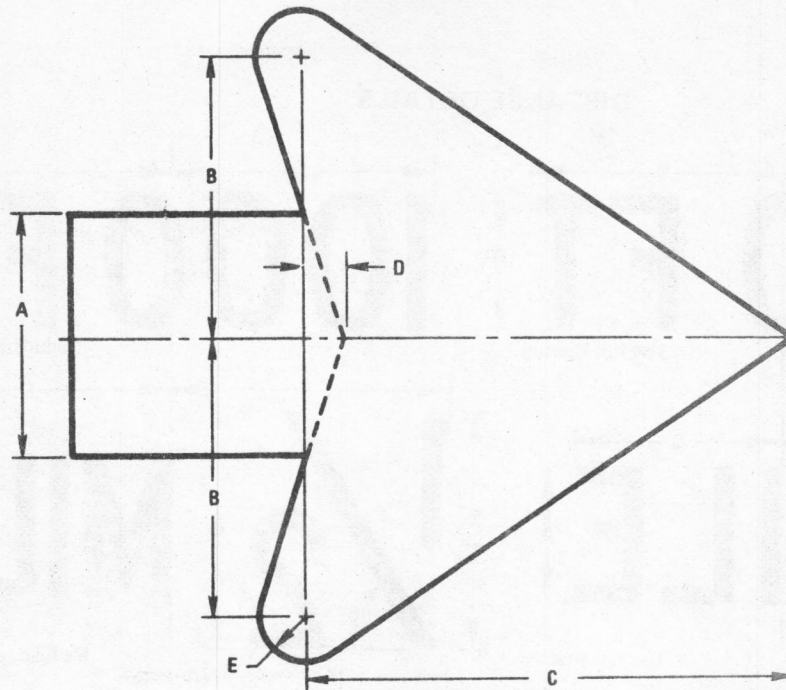
(FOR USE WITH FLASHING BEACON)																							
SIGN	DIMENSIONS (INCHES)																						
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y
STD. & MIN.	24	48	3/8	5/8	2-1/2	4D	1-1/2	4	4E	2	10E	3	2-1/2D	2	10	10-1/4	9-9/16	7-7/16	5-3/16	5-1/8	9-3/16	9-5/8	1-1/2
EXPWY.	36	72	5/8	7/8	3-3/4	6D	2-1/4	6	6E	4	14E	4	4D	2	15	15-3/8	14-3/8	11	6 15/16	6-13/16	12-1/4	12-7/8	2-1/4
SPECIAL	48	96	3/4	1-1/4	5	8D	3	8	8E	6	16E	6	5D	4	20	20-1/2	19-1/8	14-5/8	10-3/8	10-1/4	18-1/2	19-3/16	3

BOTTOM PANEL
LEGEND — BLACK (NON. REFL)
BACKGROUND — WHITE

APPENDIX

Arrow Details
Distance Details
Blank Standards
Conversion Table

ARROW DETAILS



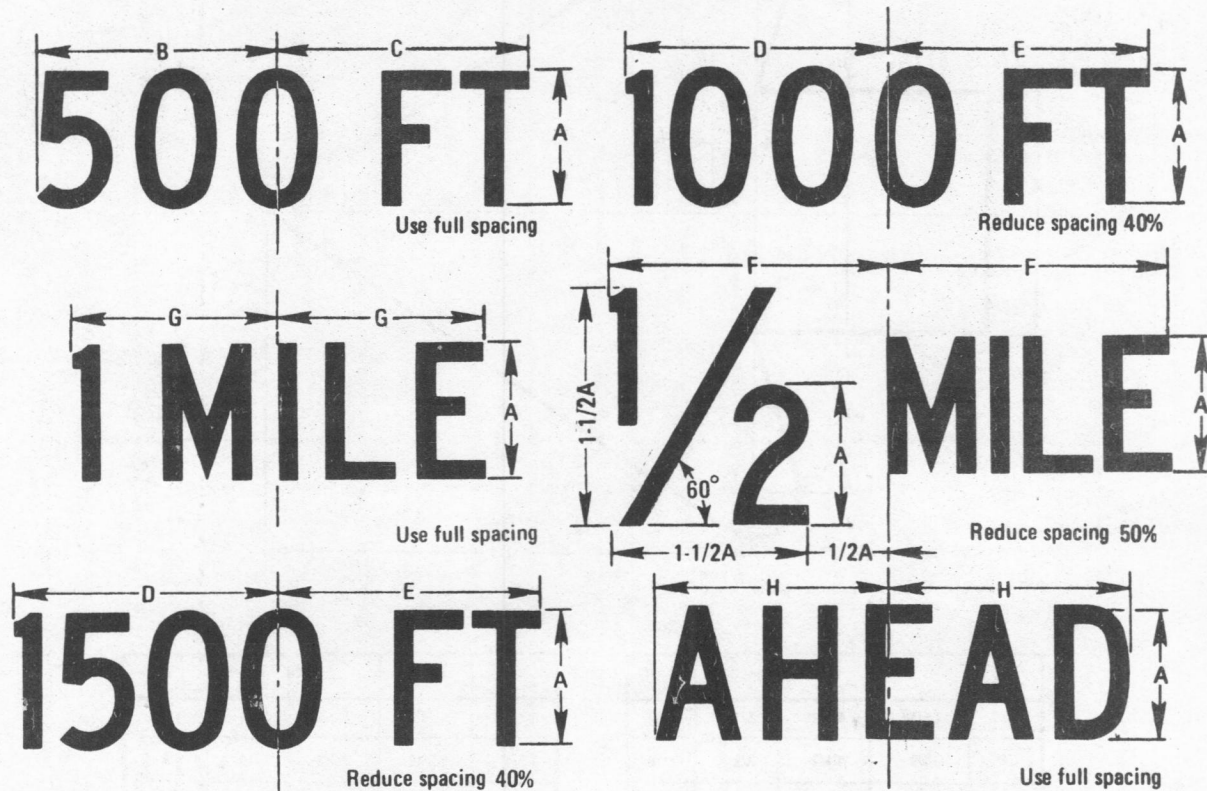
KEY
A = Variable
B = 1.150A
C = 2.030A
D = 0.155A
E = 0.200A

A	B	C	D	E
2	2-5/16	4-1/16	5/16	3/8
2-1/4	2-5/8	4-1/2	3/8	7/16
2-1/2	2-7/8	5-1/16	3/8	1/2
2-5/8	3	5-1/4	3/8	1/2
2-3/4	3	5-9/16	7/16	9/16
3	3-1/2	6-1/8	7/16	9/16
3-1/8	3-5/8	6-3/8	1/2	5/8
3-1/4	3-3/4	6-5/8	1/2	5/8
3-5/16	3-13/16	6-11/16	1/2	11/16

A	B	C	D	E
3-1/2	4	7-1/8	9/16	11/16
3-3/4	4-5/16	7-5/8	9/16	3/4
4	4-5/8	8-1/8	5/8	13/16
4-1/16	4-3/4	8-1/4	5/8	13/16
4-1/4	4-7/8	8-5/8	5/8	13/16
4-3/8	5	8-7/8	11/16	7/8
4-1/2	5-3/16	9-1/8	11/16	7/8
4-3/4	5-7/16	9-5/8	3/4	1
4-7/8	5-5/8	9-7/8	3/4	1

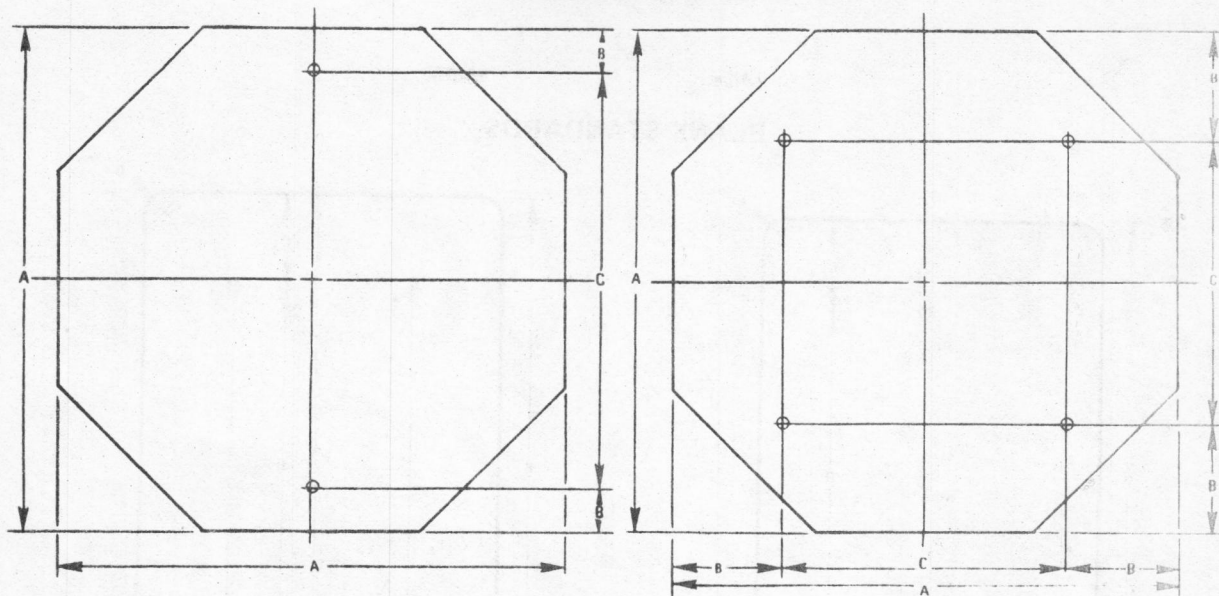
A	B	C	D	E
5	5-3/4	10-1/8	3/4	1
5-1/4	6	10-5/8	13-16	1-1/16
5-1/2	6-3/8	11-1/8	7/8	1-1/8
5-3/4	6-5/8	11-11/16	7/8	1-1/8
6	6-7/8	12-3/16	15/16	1-3/16
6-1/2	7-1/2	13-3/16	1	1-5/16
7	8	14-3/16	1-1/16	1-3/8
7-1/2	8-5/8	15-3/16	1-1/8	1-1/2
8	9-3/16	16-1/4	1-1/4	1-5/8

DISTANCE DETAILS



DIMENSIONS (INCHES)							
A	B	C	D	E	F	G	H
4C	6-7/8	7	7-1/2	8	8-5/16	6-1/16	7
5C	8-3/4	8-13/16	9-3/8	10	10-7/16	7-5/8	8-3/4
6C	10-3/8	10-1/2	11-1/4	12	12-1/2	9-1/8	10-1/2
7C	12	12-3/16	13-1/8	14	14-9/16	10-5/8	12-1/4
8C	13-3/4	14	15	16	16-5/8	12-1/8	14
4D	8-1/8	8-5/8	8-1/2	9	9	7-3/16	8-11/16
5D	10-3/16	10-13/16	11-5/8	11-1/4	11-1/4	9-1/2	10-7/8
6D	12-3/16	12-15/16	12-3/4	13-1/2	13-1/2	11-13/16	13-1/8
7D	14-1/4	15-1/8	14-7/8	15-3/4	15-3/4	13-1/16	15-1/2
8D	16-1/4	17-1/4	17	18	18	14-3/8	17-7/16

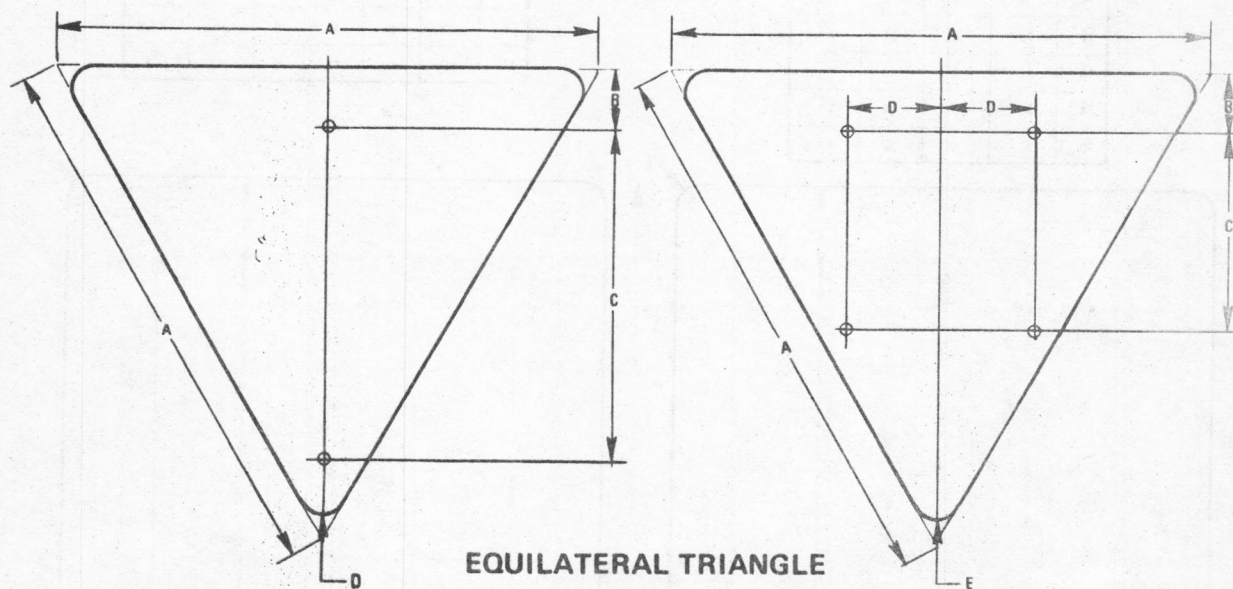
BLANK STANDARDS



OCTAGON

A	B	C
24	3	18
30	3	24
36	3	30

A	B	C
48	9	30

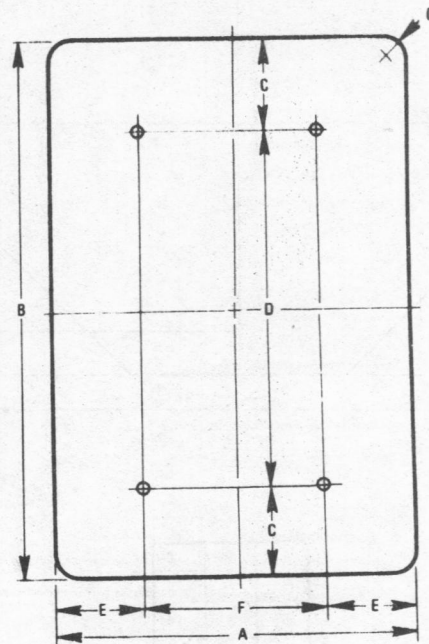
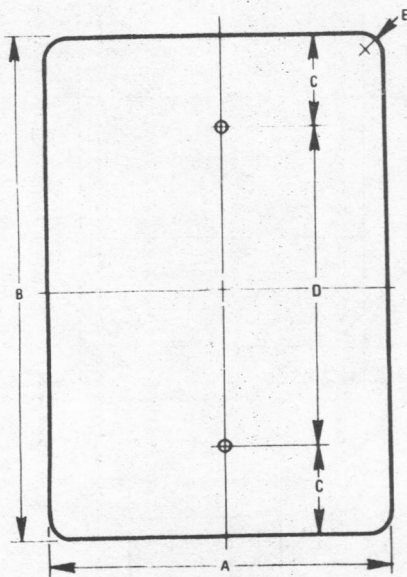


EQUILATERAL TRIANGLE

A	B	C	D
30	3	18	1-1/2
36	3	21	2

A	B	C	D	E
48	3	12	12	3
60	3	18	15	4

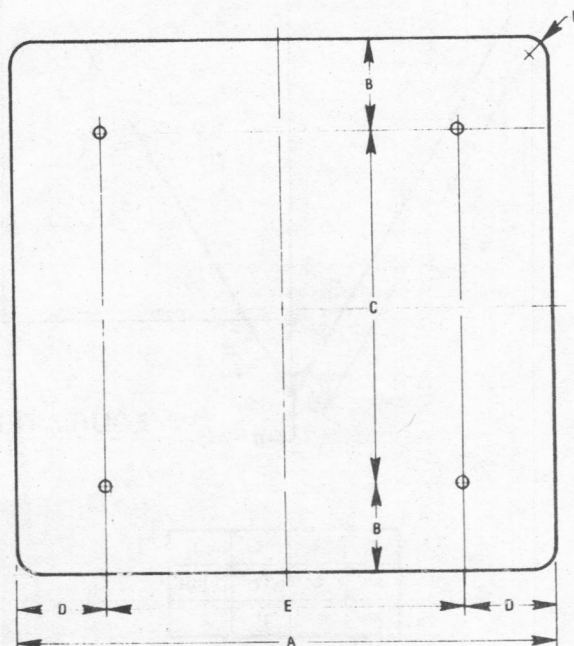
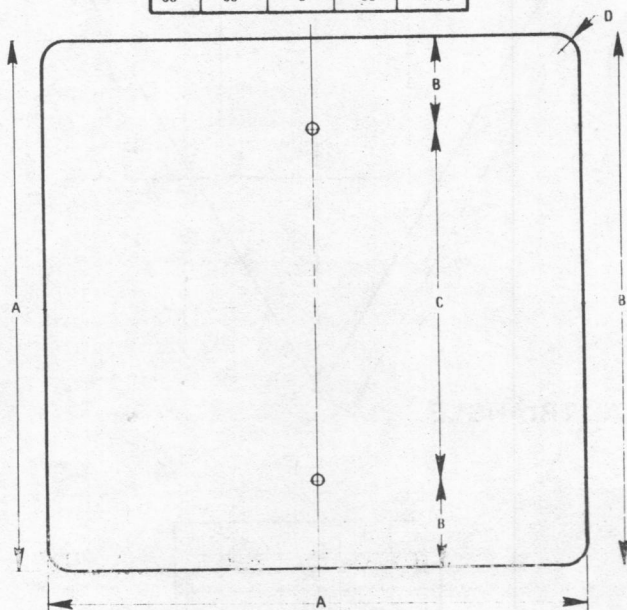
BLANK STANDARDS



VERTICAL RECTANGLE

A	B	C	D	E
12	18	1 1/2	15	1 1/2
18	24	3	18	1 1/2
24	30	3	24	1 1/2
30	36	3	30	1 7/8

A	B	C	D	E	F	G
36	48	6	36	6	24	2 1/4
48	60	6	48	9	30	3

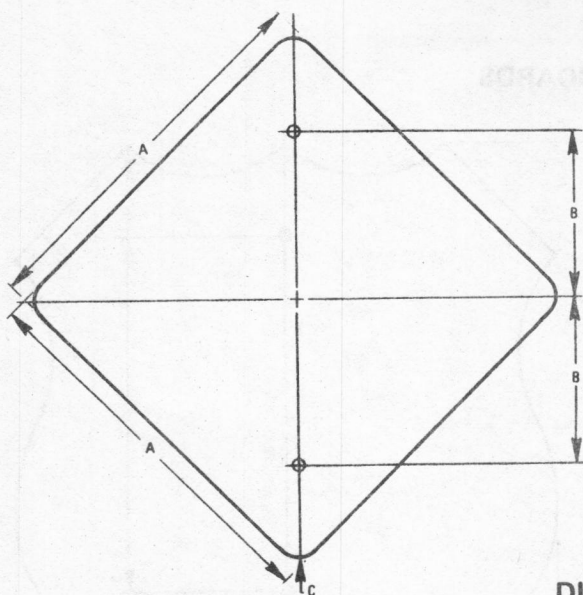


A	B	C	D
18	3	12	1 1/2
24	3	18	1 1/2
30	3	24	1 7/8

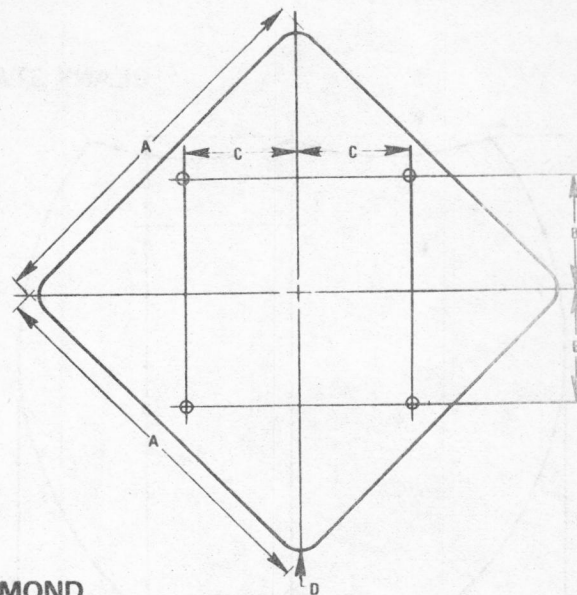
SQUARE

A	B	C	D	E	F
36	6	24	6	24	2 1/4
48	6	36	9	30	3

BLANK STANDARDS

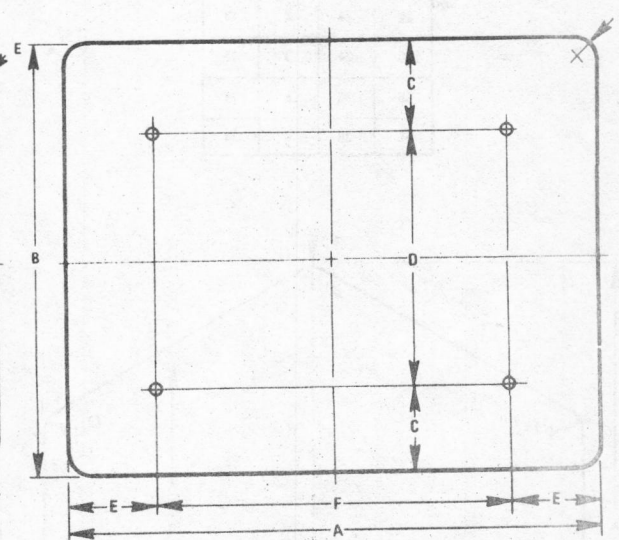
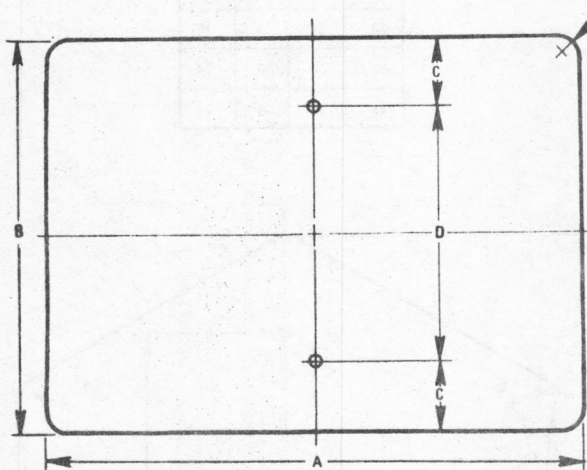


A	B	C
24	12	1-1/2
30	15	1-7/8
36	18	2-1/4



DIAMOND

A	B	C	D
48	15	15	3
60	18	18	3-3/4

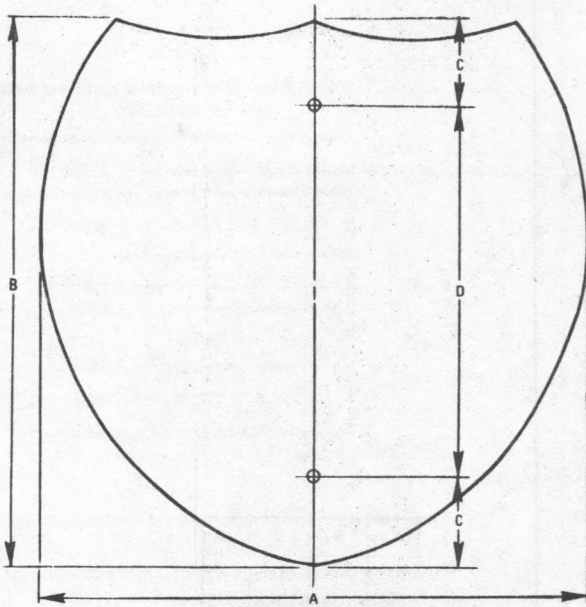


HORIZONTAL RECTANGLE

A	B	C	D	E
21	15	1-1/2	12	1-1/2
24	12	1-1/2	9	1-1/2
24	18	3	12	1-1/2
30	15	1-1/2	12	1-1/2
30	24	3	18	1-1/2
36	12	1-1/2	9	1-1/2

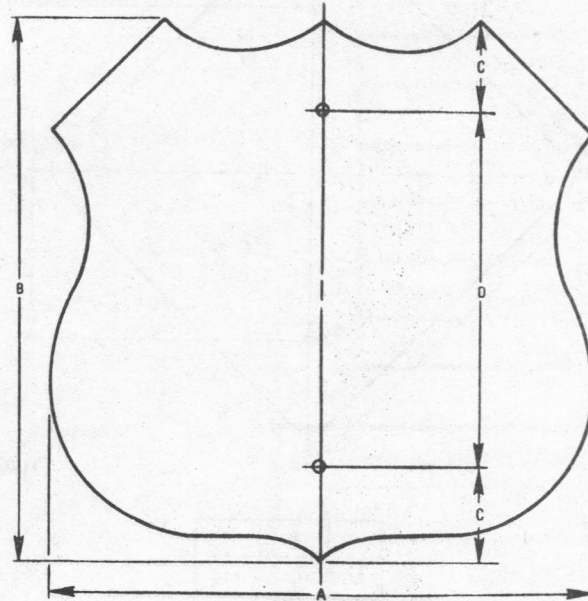
A	B	C	D	E	F	G
36	24	3	18	6	24	1-1/2
48	24	3	18	9	30	1-7/8
48	36	6	24	9	30	2-1/4
60	24	3	18	12	36	1-1/2
60	36	6	24	12	36	2-1/4

BLANK STANDARDS



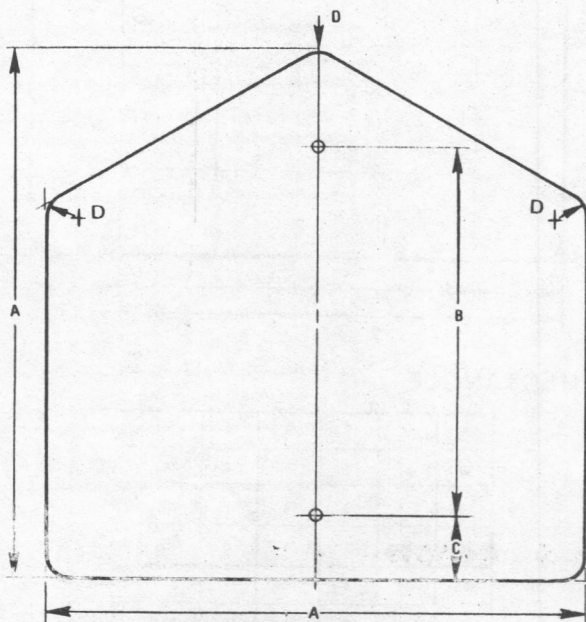
INTERSTATE SHIELD

A	B	C	D
24	24	3	18
30	24	3	18
36	36	6	24
45	36	6	24



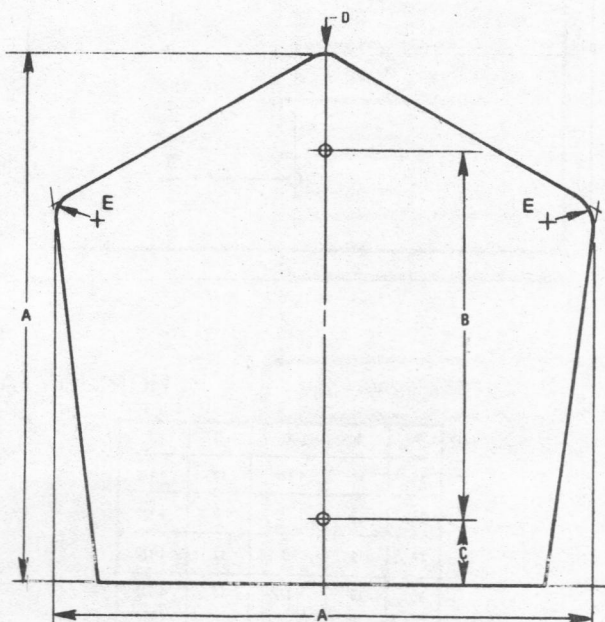
U.S. SHIELD

A	B	C	D
24	24	3	18
30	24	3	18
36	36	6	24
45	36	6	24



PENTAGON (SCHOOL)

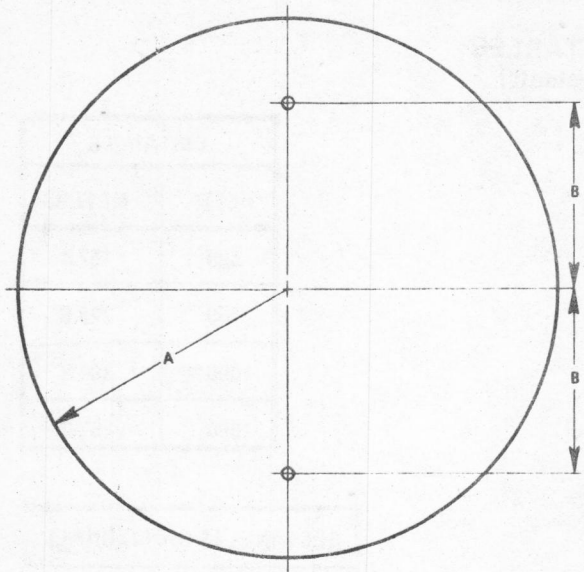
A	B	C	D
30	21	3	1-7/8
36	24	3	2-1/4



COUNTY SHIELD

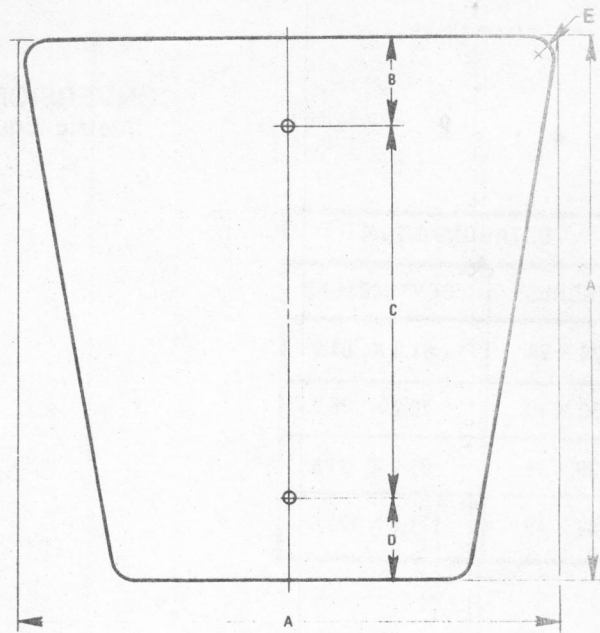
A	B	C	D	E
18	15	1	5	2
24	18	2	5-5/16	2-1/16
30	24	2	6-5/8	3-3/8

BLANK STANDARDS



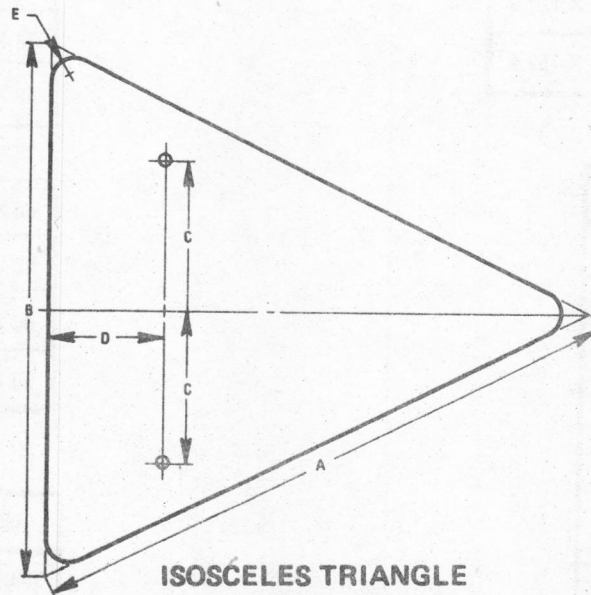
CIRCLE

A	B
15	12
18	15



NATIONAL FOREST SHIELD

A	B	C	D	E
18	2	15'	1	2
24	2-1/2	20	1-1/2	2-1/2



ISOSCELES TRIANGLE

A	B	C	D	E
40	30	7-1/2	12	1-7/8
48	36	9	15	2-1/4

CONVERSION TABLES (Metric Equivalents)

OCTAGONS (STOP)	
INCHES	CENTIMETERS
24 X 24	61.0 X 61.0
30 X 30	76.2 X 76.2
36 X 36	91.4 X 91.4
48 X 48	121.9 X 121.9

TRIANGLES (YIELD)	
INCHES	CENTIMETERS
30 X 30 X 30	76.2 X 76.2 X 76.2
36 X 36 X 36	91.4 X 91.4 X 91.4
48 X 48 X 48	121.9 X 121.9 X 121.9
60 X 60 X 60	152.4 X 152.4 X 152.4

SQUARES AND DIAMONDS	
INCHES	CENTIMETERS
18 X 18	45.7 X 45.7
24 X 24	61.0 X 61.0
30 X 30	76.2 X 76.2
36 X 36	91.4 X 91.4
48 X 48	121.9 X 121.9
60 X 60	152.4 X 152.4

CIRCLES (RR)	
INCHES	CENTIMETERS
30" DIA.	76.2 CM. DIA.
36" DIA.	91.4 CM. DIA.

DISTANCES	
FEET	METERS
500	152.4
750	228.6
1000	304.8
1500	457.2

RECTANGLES (HORIZONTAL)	
INCHES	CENTIMETERS
21 X 15	53.4 X 38.1
24 X 12	61.0 X 30.5
24 X 18	61.0 X 45.7
30 X 15	76.2 X 38.1
30 X 24	76.2 X 61.0
36 X 12	91.4 X 30.5
36 X 24	91.4 X 61.0
48 X 24	121.9 X 61.0
48 X 36	121.9 X 91.4
60 X 24	152.4 X 61.0
60 X 36	152.4 X 91.4

RECTANGLES (VERTICAL)	
INCHES	CENTIMETERS
12 X 18	30.5 X 45.7
18 X 24	45.7 X 61.0
24 X 30	61.0 X 76.2
30 X 36	76.2 X 91.4
36 X 48	91.4 X 121.9
48 X 60	121.9 X 152.4

